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to Military Periodicals

CUMULATIVE ISSUE
JANUARY-DECEMBER 1971
Volume 22 Number 4



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**Volume 22**  
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**Number 4**  
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Cumulative Issue
January-December 1971

Frances B. Rucks, Editor

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**Air University Library**  
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This is a cumulative issue. It includes all indexing since the beginning of the current volume. No further reference to Issues Nos. 1-3 is necessary.

Preface

The *Air University Library Index to Military Periodicals* is a subject index to significant articles, news items and editorials appearing in 66 English language military and aeronautical periodicals not indexed in readily available commercial indexing services. The *Index* originated with 23 titles as a quarterly publication in 1949, and has continued on a quarterly basis superseded by annual cumulations; triennial cumulative issues were published from 1952 through 1967. From 1949 to 1962 the *Index* was issued as *Air University Periodical Index*. Staff members in the Reader Services Division of Air University Library index the periodicals with the exception of eight titles which other Air Force, Army, and Navy libraries index. *Air University Library Index to Military Periodicals* serves primarily the educational and research programs of Air University. The *Index* is available to other libraries on exchange basis.

This publication has been reviewed and approved by competent personnel of the preparing command in accordance with current directives on doctrine, policy, essentiality, propriety, and quality.

ROBERT SEVERANCE
Director
Air University Library

PERIODICALS INDEXED

- Aerosp Hist--Aerospace Historian (q) \$5.00. Department of History, Kansas State University, Manhattan, Kan. 66502.
- Aerosp Intl--Aerospace International (bim) \$12.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.
- Aerosp Med--Aerospace Medicine (m) \$18.00. Aerospace Medical Assoc, Washington National Airport, Washington, DC, 20001.
- Aerosp Safety--Aerospace Safety - AFRP 127-2 (m) \$4.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF & Space Dig--Air Force and Space Digest (changed to Air Force Magazine with Feb 1971 issue)
- AF Civil Engr--Air Force Civil Engineer - AFRP 85-1 (q) \$1.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF Compt--The Air Force Comptroller - AFRP 170-2 (3 nos. a year) \$1.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AF JAG L Rev--United States Air Force JAG Law Review - AFRP 110-1 (q) \$2.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- ***AF Mag--Air Force Magazine (formerly Air Force and Space Digest) (m) \$10.00. Air Force Assoc, Suite 400, 1750 Pennsylvania Ave, NW, Washington, DC, 20006.
- AF Pley Ltr for Comdrs: Sup--Air Force Policy Letter for Commanders: Supplement - AFRP 190-2 (m) No price given. Internal Information Division, SAFOII, Pentagon, Washington, DC, 20330.
- AF Times--Air Force Times (Eastern Edition) (w) \$12.00. Army Times Publishing Co, 475 School St, SW, Washington, DC, 20024.
- Air Pict--Air Pictorial (m) \$8.00 (est) Seymour International Subscriptions, 1/3 Brixton Rd, London, SW 9, England.
- Air Reservist - AFRP 30-1 (10 nos. a year) \$150. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- AU Rev--Air University Review, The Professional Journal of the United States Air Force (bim) \$4.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Airman--Airman, Official Magazine of the U.S. Air Force - AFRP 30-15 (m) \$7.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Am Avn Hist Soc J--American Aviation Historical Society Journal (q) \$10.00. American Aviation Historical Society, P.O. Box 996, Ojai, Calif, 93023.
- Approach, The Naval Aviation Safety Review - NavAir 00-75-510 (m) \$6.00. NAVSAFECEN, NAS, Norfolk, Va, 23511.
- Armed Forces Compt--Armed Forces Comptroller (q) \$5.00. The American Society of Military Comptrollers, P.O. Box 68, Arlington, Va, 22210.
- Armed Forces J--Armed Forces Journal (m) \$12.00. Army and Navy Journal Inc, 1710 Connecticut Ave, NW, Washington, DC, 20009.
- Armor (bim) \$6.50. Armor, Suite 418, 1145 19th St, NW, Washington, DC, 20036.
- Army (m) \$7.50. Assoc of the U.S. Army, 1529 - 18th St, NW, Washington, DC, 20036.
- Army Dig--Army Digest (changed to Soldiers with June 1971 issue)
- *Army Log--Army Logistician (bim) \$3.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Army Qtr--Army Quarterly and Defence Journal (q) \$7.00 (est). William Clowes & Sons, Ltd, Dorland House, 14 & 16 Lower Regent St, London, SW1Y 4PN, England.
- Combat Crew - SACRP 127-1 (m) No price given. Editor, Combat Crew, Hq SAC (DOSE), Offutt AFB, Neb, 68113.
- Contact - AFITRP 35-1 (bim) No price given. AFIT(CI), Wright-Patterson AFB, Ohio, 45433.
- Def Ind Bul--Defense Industry Bulletin (q) No price given. Editor, Defense Industry Bulletin, Defense Supply Agency, Cameron Station, Alexandria, Va, 22314.
- Def Mgt J--Defense Management Journal (q) \$1.25. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Def Trans J--Defense Transportation Journal, Official Publication of the National Defense Transportation Association (bim) \$15.00. National Defense Transportation Assoc, 1612 K St, NW, Washington, DC, 20006.
- Elect Warfare--Electronic Warfare (q) \$5.00. Electronic Warfare Magazine, 6903 Clemson Dr, Alexandria, Va, 22307.
- Fld Artilleryman--Field Artilleryman (irregular) No price given. Book Store, U.S. Army Field Artillery School, Fort Sill, Okla, 73503.
- *Forum (3 nos. a year) No price given. National War College, Fort Lesley J. McNair, Washington, DC, 20315.
- Govt Exec--Government Executive (m) \$12.00. Shoreham Building, 806 15th St, NW, Washington, DC, 20005.

*Added titles since the 1970
Cumulative Issue

**Titles ceased indexing since the
1970 Cumulative Issue

***Titles changed since the 1970
Cumulative Issue

PERIODICALS INDEXED (Cont'd)

- Hawk--Hawk, The Independent Journal of the Royal Air Forces Staff College (a) \$1.20 (est). Royal Air Force Staff College, Bracknell, Berks, England.
- Infantry (bim) \$4.75. Editor, Infantry Magazine, Box 2005, Fort Benning, Ga, 31905.
- Interavia (m) \$17.00. Interavia U.S.A., Suite 1800, 212 Fifth Avenue, New York, NY, 10010.
- Interceptor - ADCRP 127-2 (m) No price given. Editor, Interceptor, Hq ADC (SED), Ent AFB, Colo, 80912.
- Intl Def Rev--International Defense Review (bim) \$10.00. Interavia U.S.A., Suite 1800, 212 Fifth Avenue, New York, NY, 10010.
- Log Spectrum--Logistics Spectrum (q) No price given. Society of Logistics Engineers, 1411 West Olympic Blvd, Suite 304, Los Angeles, Calif, 90015.
- MAC Flyer - MACRP 127-5 (m) \$2.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- MarCor Gaz--Marine Corps Gazette (m) \$6.00. P.O. Box 1775, MCB, Quantico, Va, 22134.
- Mil Engr--Military Engineer (bim) \$10.00. Society of American Military Engineers, 800 - 17th St, NW, Washington, DC, 20006.
- Mil Rev--Military Review (m) \$5.00. Book Dept, U.S. Army Command and General Staff College, Fort Leavenworth, Kan, 66027.
- NATO's Fifteen Nations (bim) \$10.00. Jules Perel's Publishing Co, 104 A, Nic. Ansljnstraat, Amsterdam West III, The Netherlands.
- Natl Guardsman--National Guardsman (m) \$2.00. National Guard Assoc of the U.S., 1 Massachusetts Ave, NW, Washington, DC, 20001.
- Nav War Col Rev--Naval War College Review (10 nos. a year) No price given. Editor, Naval War College Review, U.S. Naval War College, Newport, RI, 02840.
- Navigator - AFRP 50-3 (3 nos. a year) \$1.00. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Navy--Navy, The Magazine of Sea Power (changed to Sea Power with Sep 1971 issue)
- Officer (m) \$3.00. Reserve Officers Assoc of the U.S., 1 Constitution Ave, NE, Washington, DC, 20002.
- Ordnance (bim) \$8.00. American Ordnance Assoc, Union Trust Bldg, Washington, DC, 20005.
- *Parameters--The Journal of the Army War College (3 nos. a year) No price given. Editor, Parameters, U.S. Army War College, Carlisle Barracks, Pa, 17013.
- Persp in Def Mgt--Perspectives in Defense Management (irregular) No price given. Editor, Perspectives in Defense Management, Industrial College of the Armed Forces, Fort Lesley J. McNair, Washington, DC, 20315.
- Review (bim) \$7.50. The Defense Supply Assoc, 1026 - 17th St, NW, Washington, DC, 20036.
- Royal Air Forces Qtr--Royal Air Forces Quarterly (q) \$4.20 (est). R.A.F.A. Publishing Co, Ltd, 43 Grove Park Road, London, W 4, England.
- Royal United Svc Instn J--Royal United Service Institution Journal (changed to Royal United Services Institute for Defence Studies Journal with June 1971 issue)
- ***Royal United Svcs Inst for Def Studies J--Royal United Services Institute for Defence Studies Journal (formerly Royal United Service Institution Journal) (q) \$7.20 (est). Secretary, Royal United Service Institution, Whitehall, London, SW 1, England.
- ***Sea Power (formerly Navy, the Magazine of Sea Power) (11 nos. a year) \$3.00. Navy League of the U.S., 818-18th St, NW, Washington, DC, 20006.
- Signal (m) \$7.50. Armed Forces Communications and Electronics Assoc, 1725 Eye St, NW, Washington, DC, 20006.
- ***Soldiers, The Official Magazine of the Department of the Army (m) \$9.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- Soviet Mil Rev--Soviet Military Review (m) No price given. Soviet Military Review, 2, Marshal Biryuzov St, Moscow 123298, USSR. (Available from Victor Kamkin Agency, 1410 Columbia Rd, Washington, DC, 20009)
- Space World (m) \$8.00. Palmer Publications Inc, Amherst, Wisc, 54406.
- Spaceflight (m) \$12.50. The British Interplanetary Society, 12, Bessborough Gardens, London, SW1V2JJ, England.
- TIG Brief--The Inspector General Brief - AFRP 11-1 (biw) No price given. Editor, TIG Brief, AF/IGPP, Hq USAF, Washington, DC, 20330. Limited to AF offices.
- **Tac Air Recon Dig--Tactical Air Reconnaissance Digest - TARCRP 55-1 (ceased publication with vol 5, no. 2, June 1971 issue)
- Tac Air Warfare Cen Qtr Rpt--Tactical Air Warfare Center Quarterly Report - USAFTAWC RP 55-1 (q) No price given. Office of Information, USAF Tactical Air Warfare Center, Eglin AFB, Fla, 32542.
- *Tac Alft--Tactical Airlift - TALCRP 80 (q) No price given. USAF Tactical Airlift Center (TAC), Pope AFB, NC, 28308.
- Translog (m) \$3.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- USAF Ftr Wpns NL (changed to USAF Fighter Weapons Review with Spring 1971 issue)
- ***USAF Ftr Wpns Rev--USAF Fighter Weapons Review (formerly USAF Fighter Weapons Newsletter) - AFRP 50-4 (q) No price given. 57th Fighter Weapons Wing (FW/DON), Nellis AFB, Nev, 89110.
- USAF Instrs J--USAF Instructors Journal - AFRP 50-6 (q) \$1.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- USA Avn Dig--United States Army Aviation Digest (m) \$4.50. Superintendent of Documents, U.S. Government Printing Office, Washington, DC, 20402.
- US Nav Inst Proc--United States Naval Institute Proceedings (m) \$10.00. U.S. Naval Institute, Annapolis, Md, 21402.

The following abbreviations are used to denote frequency of issue:

a	annual	bim	every two months
biw	every two weeks	and/or	twice a month
m	monthly	q	quarterly
		w	weekly

ARRANGEMENT

The subject entries are constructed on the direct entry principle. Most sponsor agency entries under U. S. have been eliminated and entry is directly under subject agency, e. g., STRATEGIC AIR COMMAND, not U. S. AIR FORCE. STRATEGIC AIR COMMAND. Specific military services of various countries are entered under their name, followed by the name of their country, e. g., AIR FORCE--Great Britain ARMY--United States.

Material on aircraft by name has been entered under the headings AIRPLANE TYPE, HELICOPTER TYPE; MISSILE TYPE. Space vehicles by name have been entered under the heading SPACE PROJECT.

AERONAUTICS here embraces the technical and technological aspects of aviation and aircraft AVIATION the art of flying, both military and civilian; and AIRLINES the commercial transportation companies; FLYING popular, nontechnical articles on the pleasures of flying.

Government departments are listed alphabetically by department title, e. g., DEFENSE DEPT--United States, not DEPARTMENT OF DEFENSE.

Author entries are included for admirals, generals, Dept of Defense officials, and others who are prominent in some field of Index interest.

Organization's abbreviation, if it is a national term, is used not only as a cross reference (e. g., NATO see NORTH ATLANTIC TREATY ORGANIZATION) but also as geographic subdivision (e. g., DEFENSES--NATO). Abbreviations are listed at the beginning of their alphabetical section. However, the artificial words LASERS and LORAN are accepted as normal words and are so alphabetically listed.

Reviews of books are grouped under BOOK REVIEWS.

KEY TO ABBREVIATIONS

+ (after paging)	continuation of article not paged consecutively	Jun	June
Apr	April	Mar	March
Aug	August	Nov	November
bibliog	bibliography	No.	number
biog	biography	obit	obituary
chart	organizational chart	Oct	October
Dec	December	por	portrait(s)
Feb	February	Sep	September
illus	illustration(s)	sup	supplement
Jan	January	tab	table(s)
Jul	July	trans	translated
		vol	volume

EXPLANATION

Sample entry: ARMS SALES

A realistic look at USAF military assistance and foreign military sales. BrigGen Donald F. Blake. illus AU Rev 22:35-44 Nov-Dec '70

Explanation:

Under the subject ARMS SALES an article entitled "A realistic look at USAF military assistance and foreign military sales" by BrigGen Donald F. Blake, with illustrations, appears in the magazine Air University Review, volume 22, on pages 35 through 44, the November-December 1970 issue.

A

ACEUR see Allied Command Europe

ACIC see Aeronautical Chart and Information Center

ACLANT see Allied Command Atlantic

ACSC-E see Assistant Chief of Staff for Communications-Electronics--Army

ACW see Aircraft Control and Warning

AECF see Airman Education and Commissioning Program

AFK see Armed Forces Assistance to Korea

AFCENT see Allied Forces, Central Europe

AFIT see Air Force Institute of Technology

AFRES see Headquarters Air Force Reserve

AFROTC see Reserve Officers Training Corps--Air Force

AID see Agency for International Development

AOC see Association of Old Crows

APR see Airman Performance Reports

ARPA see Advanced Research Projects Agency

ASW see Antisubmarine Warfare

ATAC see Tank-Automotive Command

ATT see Army Training Tests

AUTODIN see Automatic Digital Network

AUTOVON see Automatic Voice Network

AWACS see Airborne Warning and Control Systems

ABSENT WITHOUT LEAVE see Crimes and Misdemeanors

ACADEMIC INSTRUCTOR AND ALLIED OFFICER SCHOOL

AU's (Academic) Instructor Course--class teaches teacher. illus AF Times 32:59 Nov 17 '71

Impressions of AIC (Academic Instructor Course). Maj Michael R. Jusko. USAF Instrs J 9:69-72 Summer '71

Pass-fail adopted by AIC (Academic Instructor Course). AF Times 32:8 Dec 15 '71

Remaining constant through change. (Academic Instructor Course) Col William L. Brinson. USAF Instrs J 9:4-7 Summer '71

ACCELERATION

Acceleration and human performance. W.F. Grether. illus tabs Aerosp Med 42:1157-1166 Nov '71

ACCIDENT PREVENTION

See also
Safety Programs

ACM training accidents. tab illus Approach 16:28-32 Jan '71

Accident prevention should never stop. TIG Brief 23:14 Apr 23 '71

Accidents are stupid. Col Kenneth D. Mertel. illus USA Avn Dig 17:2-5 Feb '71

Air safety--the benefits of PWIs (Proximity Warning Indicators). illus Govt Exec 3:26-27 Oct '71

ACCIDENT PREVENTION - Continued

The Andrea Doria-Stockholm disaster: Accidents don't happen. John C. Carrothers. illus US Nav Inst Proc 97:26-32 Aug '71

Army midair collisions. CW2 Morris L. Marty and others. illus USA Avn Dig 17:36-49 Jan '71

Career field loss analysis. TIG Brief 23:15 Jan 15 '71

The challenge (aircraft accident prevention). Aerosp Safety 27:16-17 Oct '71

Complacency. illus MAC Flyer 18:24-25 Apr '71

Compromises without cause. (From presentation to Flight Safety Foundation 23d Annual International Air Safety Seminar, Washington, Oct 26-29, 1970) Gerard M. Bruggink. illus USA Avn Dig 17:50-55 Jan '71

Continued participation in flight training as a means of reducing the general aviation accident rate--a revalidation. John D. Dougherty. illus Aerosp Med 42:1121-1122 Oct '71

Defensive driving--a strategy for staying alive. (Reprinted from Changing Times, July 1970) illus Interceptor 13:5-7 Apr '71

Do it right the first time. illus Interceptor 13:16-17 Jun '71

Doesn't taste like JP-4--make sure that what you see is what you want. Capt G.A. Renn. illus USA Avn Dig 17:6-7 Mar '71

Don't apologize for safety. LtCol Oliver A. Lazare. illus Combat Crew 22:16-19 Oct '71

Don't spring the trap. illus Aerosp Safety 27:8-9 Feb '71

Effective communications. illus Approach 17:1-5 Aug '71

Eliminating safety hazards in future Army aircraft. (Adapted from paper, 2d Government Industry System Safety Conference, Goddard Space Flight Center, Greenbelt, Md, May 26, 1971) illus USA Avn Dig 17:52-57 Nov '71

The extension. LtCol F.E. Thompson. illus MAC Flyer 18:10-13 Feb '71

The eye and you. illus Aerosp Safety 27:3-5 Oct '71

Firearms safety. illus Contact 25:12-13 Sep-Oct '71

5 to keep your friends alive. illus Interceptor 13:14-15 Jun '71

Government tort liability and the safety function in the Air Force Contract Management Division. BrigGen Morton J. Gold. illus AF JAG L Rev 13:3-11 Winter '71

Ground taxi. CW3 Arel E. Childress. illus USA Avn Dig 17:42-43 May '71

Happy fiscal new year! illus Approach 17:1-5 Jul '71

Heads you win! Maj Edwin R. Widmer. illus USA Avn Dig 17:60-63 Sep '71

The helicopter: Hazardous at any height? Lt W.H. Baker. (Reprinted from U.S. Naval Institute Proceedings, Oct 1970) tab illus (Also cutaways) USA Avn Dig 17:52-58 Sep '71

How to save "Uncle" some dough. illus Approach 16:12-14 Mar '71

Is your shop safe? Clarence J. Carter. USA Avn Dig 17:43 Nov '71

ACCIDENT PREVENTION - Continued

- It's easy on Monday. illus Aerosp Safety 27:2-5 Mar '71
- Maintenance Mayday or maintenance integrity? Sgt1C Reginald A. Mullinax. illus tab USA Avn Dig 17: 52-56 May '71
- Manhood vs safety. Chaytor Mason. illus Approach 16:20-22 Jun '71
- Midair collision avoidance. illus Approach 17:28-29 Oct '71
- Misguided missiles. (Unsecured items in aircraft) illus Approach 17:12-13 Dec '71
- Mountain strike! illus MAC Flyer 18:16-17 Jun '71
- Never bounce eggs. Ted Kontos. illus USA Avn Dig 17:36-38 Feb '71
- Physiological aspects of aircraft accident investigation. C.W. Sem-Jacobsen. illus Aerosp Med 42: 199-204 Feb '71
- Professionals in action. illus Approach 17:1-4 Nov '71
- Rapid refueling the CH-47. CW2 Marvin T. Hesket. illus USA Avn Dig 17:32-35 Mar '71
- Relative flammability of gas turbine powerplant fuels. J. L. Haley and SP4 D. C. Portfolio. tab illus USA Avn Dig 17:52-57 Feb '71
- SSE: System Safety Engineering--modern approach to accident prevention. Col David M. Critchlow. illus Aerosp Safety 27:16-17 Jan '71
- Safe transportation: Our goal for hazardous materials. RADM William F. Rea III. illus Def Trans J 27: 28-31 Mar-Apr '71
- Short landings. illus Aerosp Safety 27:14-15 Aug '71
- Sign bored? Not with these! Tom Dodds. illus Translog 2:5-6 Apr '71
- Subtle symptoms. Laurel D. Sand. illus USA Avn Dig 17:40-41 May '71
- Success story. Maj John T. Taylor. illus Aerosp Safety 27:2-4 Apr '71
- Super-vision (needed to see and correct aviation unit deficiencies). CW3 Junius A. Jordan. illus USA Avn Dig 17:40-43 Dec '71
- Surviving the survivable. (From paper, Aerospace Medical Panel Specialists Meeting, Oporto, Portugal, June 23-26, 1971) Joseph L. Haley, Jr. illus USA Avn Dig 17:36-38 Dec '71
- TAC, AFCS win Air (Force) safety prizes. AF Times 31:4 May 26 '71
- T-bird flameouts. Maj David H. Hook. illus Aerosp Safety 27:18-20 Apr '71
- Top (1970 AF) safety awards presented. AF Times 32:39 Sep 15 '71
- Traffic safety--Orbis means "watch out." illus Govt Exec 3:21 Jan '71
- Two-flash thresholds as a function of comparison stimulus duration. Mark F. Lewis and Henry W. Mertens. illus Aerosp Med 42:393-395 Apr '71
- (Unique system to prevent mid-air collisions--SECANT (SEparation Control of Aircraft by Nonsynchronous Techniques); Signal 26:55 Dec '71

ACCIDENT PREVENTION - Continued

- The use of Army rotary wing mishap experience to assure improved product effectiveness. (Adapted from a paper presented at the 9th Reliability and Maintenance Conference) LtCol James T. Darrah, Jr and Joseph L. Haley, Jr. illus USA Avn Dig 17:49-62 Mar '71
- Waivers from explosives quantity-distance criteria. TIG Brief 23:13 Apr 23 '71
- Weapons transport. TIG Brief 23:4 Sep 10 '71
- What we can do about maintenance-caused mishaps. Sgt1C Richard L. Husbands. illus USA Avn Dig 17: 58-59 Jul '71
- What you can do for aviation accident prevention. illus USA Avn Dig 17:36-47 Aug '71
- When is a helicopter like an ejection seat? LtCol John P. Heilman, Jr. illus USA Avn Dig 17:20-22 Apr '71
- Why Combat Crew? Maj R. J. Peisher. illus Combat Crew 22:4-7+ Jun '71
- Why the rocket beam? Capt Raymond T. Klosowski. illus Interceptor 13:20-21 Apr '71
- Working our way down. Ancharf F. Zeller. illus Aerosp Safety 27:12-14 Mar '71
- You can tell a fighter pilot, but... (Approach, Mech, and other publications of Naval Safety Center) illus Approach 16:26-33 Feb '71
- Zany antics. William P. Christian. illus USA Avn Dig 17:42-47 Feb '71

ACCIDENTS

- 5 to keep your friends alive. illus Interceptor 13: 14-15 Jun '71
- Military invades civil domain with MAST (Military Assistant to Safety and Traffic). George Weiss. illus tab Armed Forces J 109:40-42 Nov '71
- USAF accident/incident reporting. TIG Brief 23:3-4 Sep 10 '71

Statistics

- Career field loss analysis. TIG Brief 23:15 Jan 15 '71
- 31,000 accidents reported. AF Times 31:28 Feb 24 '71

ACCIDENTS, AIR

- As deadly as the real thing. illus Approach 17:44-45 Dec '71
- Continued participation in flight training as a means of reducing the general aviation accident rate--a revalidation. John D. Dougherty. illus Aerosp Med 42:1121-1122 Oct '71
- Disaster planning at major airports. Georges P. Bergot. illus tabs Aerosp Med 42:449-455 Apr '71
- Mind benders (new classification of aircraft mishaps). Maj Ed Ross. illus MAC Flyer 18:4-9 Dec '71
- Nick of time. illus Combat Crew 22:22-23 Jan '71
- '70 safety mark set; 6 die in '71 crashes. AF Times 31:17 May 19 '71
- Pilots eject safely after hydraulic problem on F-14 second flight 30 December. Armed Forces J 108:16 Jan 4 '71
- Reflections. LT Henry E. Freas. illus Approach 16:12-13 Feb '71

ACCIDENTS, AIR - Continued

12 o'clock level. (Mid-air collision between F106B and T33 during low altitude intercept training mission) Capt James M. Allison. (Reprinted from Interceptor, Aug 1964) illus Interceptor 13:20-21 Jul '71

What happened to the T-38--trainer aircraft accidents in 1970. LtCol Larry T. Cooper. illus Aerosp Safety 27:20-21 May '71

CausesSee alsoPilot Error

ACM training accidents. tab illus Approach 16:28-32 Jan '71

Accidents are stupid. Col Kenneth D. Mertel. illus USA Avn Dig 17:2-5 Feb '71

Aircraft wake turbulence--an interesting phenomenon turned killer. Andrew S. Carten, Jr. illus tab AU Rev 22:12-24 Jul-Aug '71

Another first (and we hope the last). Maj John L. Wood. illus USA Avn Dig 17:32-34 Jun '71

Army midair collisions. CW2 Morris L. Marty and others. illus USA Avn Dig 17:36-49 Jan '71

Authority of the pilot. illus Approach 16:6-8 Jun '71

Complacency. illus MAC Flyer 18:24-25 Apr '71

Compromises without cause. (From presentation to Flight Safety Foundation 23d Annual International Air Safety Seminar, Washington, Oct 26-29, 1970) Gerard M. Bruggink. illus USA Avn Dig 17:50-55 Jan '71

Controllers: Take charge! illus tabs Approach 16:10-13 May '71

Crash facts. Lawrence L. Bishop. illus tabs USA Avn Dig 17:29-35 Aug '71

Crew error. illus tab USA Avn Dig 17:57-59 May '71

Definition of orientation-error accidents. W. Carroll Hixson and others. illus USA Avn Dig 17:46-48 Mar '71

Detection of alcohol in aviation and other fatalities in Finland. Antti R. Alha and Veikko Tamminen. tabs Aerosp Med 42:564-568 May '71

Don't get goosed by a giggling gaggle of geese! LtCol Donald P. White. illus Combat Crew 22:20-21 Mar '71

Don't miss this. (Preventing midair collisions) illus Aerosp Safety 27:10-11 Dec '71

Down and out. Regular feature in some issues of Interceptor

Dragged down. illus Approach 17:10-13 Oct '71

Epidemiology of USAF spatial disorientation aircraft accidents, 1 Jan 1958-31 Dec 1968. Ferdinand Barnum and Robert H. Bonner. tabs Aerosp Med 42:896-898 Aug '71

The eye and you. illus Aerosp Safety 27:3-5 Oct '71

F-4 tail section fires. illus Approach 16:18-19 Jun '71

Fly high. illus Aerosp Safety 27:20-21 Mar '71

Four men out. illus Combat Crew 22:4-7 Aug '71

Fuel exhaustion. illus Approach 16:1-7 Mar '71

Fuel exhaustion. Capt Alfred J. Bevilacqua. illus USA Avn Dig 17:36-38 Mar '71

ACCIDENTS, AIR - Continued

Causes - Cont'd

Heads you win! Maj Edwin R. Widmer. illus USA Avn Dig 17:60-63 Sep '71

Hearing but not listening? illus Aerosp Safety 27:8-9 Jan '71

High angles of attack. Capt Stuart R. Boyd. illus Combat Crew 22:8-11+ Aug '71

If the shoe fits. (A message for supervisors) Aerosp Safety 27:1 Oct '71

Implication of organophosphate pesticide poisoning in the plane crash of a duster pilot. W. Wood and others. illus Aerosp Med 42:1111-1113 Oct '71

Inadvertent engine shutdowns at low altitude. illus Approach 16:1-3 May '71

Investigation of fatal aircraft accidents: "Physiological incidents. Laurence R. Simson, Jr. illus Aerosp Med 42:1002-1006 Sep '71

Is there a need for precision approach radar? tabs Interavia 26:264-266 Mar '71

It had to be the engine. Maj Thomas E. Boyle. illus Aerosp Safety 27:12-13 Jul '71

LOH recovery. Lt Conrad W. Hamp. illus USA Avn Dig 17:6-7 Feb '71

Letter from a dead pilot. CW2 James Nixon. (Reprinted in part from U.S. Army Aviation Digest, Feb 1971) illus Interceptor 13:5-7 Jun '71

The little things. illus Approach 16:42-44 Mar '71

Maintenance Mayday or maintenance integrity? SgtLC Reginald A. Mullinax. illus tab USA Avn Dig 17:52-56 May '71

Marginal weather equation. SgtLC Jerry E. Mills. illus USA Avn Dig 17:40-42 Nov '71

Midair collision avoidance. illus Approach 17:28-29 Oct '71

Mishap with a moral. Regular feature in some issues of MAC Flyer

Miss management (of flight fuel supply). USA Avn Dig 17:42-45 Oct '71

Mountain strike! illus MAC Flyer 18:16-17 Jun '71

Night test flight. illus USA Avn Dig 17:60-61 Jul '71

A night to remember. illus Approach 17:14-17 Dec '71

1970 (ADC) accident summary. tabs Interceptor 13:8-11 Mar '71

1970 helicopter review. illus tabs Approach 17:36-39 Sep '71

1970 (MAC) aircraft accident review. illus tab MAC Flyer 18:4-19 Mar '71

1970 (MAC) aircraft incident review. LtCol Benn H. Witterman. illus tabs MAC Flyer 18:4-12 Apr '71

Oil leak + overspeed = ditch. Approach 17:18-21 Oct '71

180 degrees downwind. illus USA Avn Dig 17:54-56 Jul '71

Pilot's vertigo. LtCol Russell B. Rayman. illus Aerosp Safety 27:6-8 Dec '71

Pressing the attack can be hazardous! illus Approach 16:1-4 Feb '71

ACCIDENTS, AIR - ContinuedCauses - Cont'd

- The primary cause--you? *Aerosp Safety* 27:31 Dec '71
- Ragged maintenance. illus *USA Avn Dig* 17:36-37 Oct '71
- Redundancy alone isn't enough. LtCol David L. Elliott. illus *Aerosp Safety* 27:4-5 Jun '71
- Relative flammability of gas turbine powerplant fuels. J. L. Haley and SP4 D. C. Portfolio. tab illus *USA Avn Dig* 17:52-57 Feb '71
- A repair part--or a funeral. Lt Walter H. Zimmers and CW3 Jonathan J. Hasbrouck. *USA Avn Dig* 17:28-30 Dec '71
- Save 5 minutes--lose 1 aircraft. illus *Aerosp Safety* 27:24-25 Jan '71
- The simple task of torquing aircraft hardware. *Aerosp Safety* 27:9 Dec '71
- Sleeping beauty. James P. Sparkman. illus *Aerosp Safety* 27:10-11 Jan '71
- Strong hands for a limping lapp. *Approach* 16:36-37 Apr '71
- Supervision is a contributing cause factor in aircraft accidents. illus *Approach* 16:1-3 Jun '71
- Supervisor's special trust. LtCol Richard F. Taylor. illus *USA Avn Dig* 17:52-55 Apr '71
- That little small step. (B-52 low level accidents) Maj Edward E. Nystrom. illus *Combat Crew* 22:16-17 Nov '71
- To be or not to be. SqLdr Donald Melvin. *Aerosp Safety* 27:5 Apr '71
- Too tight, too fast? (Helicopter formation) illus *USA Avn Dig* 17:50-51 Nov '71
- Two minutes to disaster. (Reprinted from *Aerospace Safety*, July 1963) illus *MAC Flyer* 18:12-15 Jun '71
- The use of Army rotary wing mishap experience to assure improved product effectiveness. (Adapted from a paper presented at the 9th Reliability and Maintenance Conference) LtCol James T. Darrah, Jr and Joseph L. Haley, Jr. illus *USA Avn Dig* 17:49-62 Mar '71
- Vision loss from windshield tinting in a night visual flying accident. B.A.J. Clark. illus tabs *Aerosp Med* 42:190-195 Feb '71
- Visual illusions. LtCol Donald G. Pitts, Ret. (Condensed from *USAF Medical Service Digest*, Sep 1969; reprinted from *Interceptor*, Dec 1970) illus *USA Avn Dig* 17:16-21 May '71
- Vortex wake turbulence. Richard K. Bell and Arnold R. Lambert. (Adapted from *Aerospace Safety*, Aug 1970 and *FAA Aviation News*, March 1971) illus *USA Avn Dig* 17:58-63 Aug '71
- What is flicker vertigo? David T. Forbes, Jr. *USA Avn Dig* 17:52-55 Dec '71
- Whose error? CW2 Joseph T. Robbins. illus tab *USA Avn Dig* 17:60-61 May '71
- A wing and a prayer. illus *Approach* 16:40-45 Jun '71
- You've got it (pilot control) and you'd better keep it. *Interceptor* 13:14-15 Nov '71
- Zany antics. William P. Christian. illus *USA Avn Dig* 17:42-47 Feb '71

ACCIDENTS, AIR - ContinuedInvestigations

- Accident investigation and reporting sense. Maj Chester Goolrick. illus *USA Avn Dig* 17:36-49 Apr '71
- Are you prepared? illus *Approach* 16:10-11 Mar '71
- Army aircraft mishap reporting. Louis H. McKenzie. *USA Avn Dig* 17:54-56 Jun '71
- Army midair collisions. CW2 Morris L. Marty and others. illus *USA Avn Dig* 17:36-49 Jan '71
- Cause of death is not enough. *TIG Brief* 23:19 Aug '71
- Collateral investigations of Army aircraft accidents. SP4 David D. Koski. illus *USA Avn Dig* 17:38-40 Jul '71
- Detection of alcohol in aviation and other fatalities in Finland. Antti R. Alha and Veikko Tamminen. tabs *Aerosp Med* 42:564-568 May '71
- Double jeopardy. illus *Approach* 16:10-13 Apr '71
- F-4 tail section fires. illus *Approach* 16:18-19 Jun '71
- The flight surgeon's role in aircraft accident investigation. Maj Nicolas E. Barreca. illus *USA Avn Dig* 17:6-9 Nov '71
- New aviation mishap reporting system. illus tab *USA Avn Dig* 17:56-58 Jan '71
- Physiological aspects of aircraft accident investigation. C.W. Sem-Jacobsen. illus *Aerosp Med* 42:199-204 Feb '71
- Policy on release of aircraft/missile accident safety investigation reports. *TIG Brief* 23:1 May 21 '71
- Probe kit developed at Forbes (AFB, Kan). *AF Times* 31:37 Feb 24 '71
- USAF accident/incident reporting. *TIG Brief* 23:3-4 Sep 10 '71
- When is a helicopter like an ejection seat? LtCol John P. Heilman, Jr. illus *USA Avn Dig* 17:20-22 Apr '71

Statistics

- The challenge (aircraft accident prevention). *Aerosp Safety* 27:16-17 Oct '71
- Crash facts. Lawrence L. Bishop. illus tabs *USA Avn Dig* 17:29-35 Aug '71
- Deaths in survivable aircraft accidents. William H. Berner and Laurel D. Sand. illus *Aerosp Med* 42:1097-1100 Oct '71
- Escape systems: Who needs them? Helicopters do! CWO R. F. Williams. illus *Approach* 17:26-29 Dec '71
- Maintenance Mayday or maintenance integrity? SgtLC Reginald A. Mullinax. illus tab *USA Avn Dig* 17:52-56 May '71
- Naval Aviation safety. illus *Approach* 17:2-5 Sep '71
- 1970 (ADC) accident summary. tabs *Interceptor* 13:8-11 Mar '71
- 1970 helicopter review. illus tabs *Approach* 17:36-39 Sep '71
- 1970 (MAC) aircraft accident review. illus tab *MAC Flyer* 18:4-19 Mar '71
- 1970 (MAC) aircraft incident review. LtCol Benn H. Witterman. illus tabs *MAC Flyer* 18:4-12 Apr '71

ACCIDENTS, AIR - ContinuedStatistics - Cont'd

Statistically speaking. Herbert V. Jackson. illus tab
USA Avn Dig 17:46-48 Jul '71

Surviving the survivable. (From paper, Aerospace
Medical Panel Specialists Meeting, Oporto, Portu-
gal, June 23-26, 1971) Joseph L. Haley, Jr. illus
USA Avn Dig 17:36-38 Dec '71

Working our way down. Anchar F. Zeller. illus
Aerosp Safety 27:12-14 Mar '71

ACCIDENTS, GROUND (AIRCRAFT)

Aircraft damaged by ground support equipment. tabs
Approach 17:38-41 Jul '71

How to save "Uncle" some dough. illus Approach
16:12-14 Mar '71

Ramp recks. Maj Edwin L. Marsh. illus Aerosp
Safety 27:12-13 May '71

(Sob!) A P-2 crunch (Sob!) illus Approach 17:36-37
Jul '71

Zany antics. William P. Christian. illus USA Avn
Dig 17:42-47 Feb '71

Investigations

Ground taxi. CW3 Arel E. Childress illus USA Avn
Dig 17:42-43 May '71

USAF accident/incident reporting. TIG Brief 23:3-4
Sep 10 '71

ACCIDENTS, SPACE

Salyut. Kenneth W. Gatland. illus Spaceflight 13:
338-340 Sep '71

(A tragic and totally unexpected end to the Salyut
mission) Interavia 26:900 Aug '71

ACCIDENTS, TRAFFIC

The air medical evacuation system concept. CW2
Robert E. Cline. illus USA Avn Dig 17:22-25
Jul '71

Airevac--'copters save civilians. illus Govt Exec
3:21 Apr '71

5 to keep your friends alive. illus Interceptor 13:
14-15 Jun '71

Military invades civil domain with MAST (Military
Assistant to Safety and Traffic). George Weiss.
illus tab Armed Forces J 109:40-42 Nov '71

Myocardial serum enzymes in controlled impact and
in accidental automotive impact. Irving I. Lasky
and others. tabs illus (Also cutaway) Aerosp Med
42:713-722 Jul '71

Passing of metal hand (Military Assistance to
Safety and Traffic (MAST)). Sgt Dave Cole. illus
Airman 15:34-37 Nov '71

Traffic safety education. TIG Brief 23:16 Jan 15 '71

Statistics

A fresh look at buses. Col Joe O. Bellino. illus
Translog 2:5-6+ Jun '71

ACCLIMATIZATION

Heat acclimatization by the prevention of evaporative
cooling. E. Shvartz and D. Benor. illus tabs Aerosp
Med 42:879-881 Aug '71

ACCOUNTING

Accurate cost accounting. Maj Robert D. Mulcahy.
MarCor Gaz 55:53-54 Jul '71

Analysis in action. illus AF Compt pt 1, A self-test
on cost effectiveness analysis. E. B. Cobb. 3:23-24
Apr '69; pt 2, Linear regression. Capt Charles
P. Wood, Jr and Joseph F. Krushinski. 3:30-32
Jul '69; pt 3, Present value. Maj Donald L. Rans.
3:22-23+ Oct '69; pt 4, Management science.
LtCol P. E. Haug, Jr and Maj F. J. Richards. 4:
36-37 Jan '70; pt 5, Beware of the "simple aver-
age." M. A. Schwartz. 4:30-31 Apr '70; pt 6,
Behavior of cost. LtCol Hollis Munford. 4:30-31
Jul '70; pt 7, SIMULO-BUDPEO. LtCol John J.
Smith, Ret. 4:25-27 Nov '70; pt 8, Price indexes.
Capt Charles W. McNichols II. 5:22-24 Mar '71;
pt 9, Linear regression--the assumptions. Joseph
Krushinski. 5:20-21 Jul '71

The Cost Accounting Standards Board--background
operation and status. Arthur Schuchman illus
Armed Forces Compt 16:22-25 Fall '71

Discounting for weapon systems acquisition--why
not? Maj Joseph D. Arcieri. illus tabs Armed
Forces Compt 16:1-9 Winter '71

Financial management digest. Regular feature in
some issues of Armed Forces Comptroller

Military pay--accounting and finance procedures.
TIG Brief 23:9 Feb 12 '71

'A 1,000 gallons, please--and charge it!' Airline
purchased with credit cards. Mildred M. Hanson.
illus AF Compt 5:13 Mar '71

Output--how to measure it. Roy W. Ulrey. illus
Armed Forces Compt pt 1 1t:3-5 Winter '71;
pt 2, 16:5-8 Summer '71

Output: Why measure it? Ivan W. Ulrey. illus Armed
Forces Compt 15:18-21+ Fall '70

ADJUTANT GENERALArmed Forces

Draft extension "essential," say AGs (at Annual Con-
ference, Adjutants General Assoc Santa Fe NM,
May 1971). illus Natl Guardsman 25:24-28 Jul '71

ArmyDirectories

State Adjutants General. Army 21:104 Oct '71

ADMINISTRATIONSee also

Management
Management, Military
Personnel Administration

Office management. SSgt Frank A. Pearsall. illus
MarCor Gaz 55:43-47 Oct '71

ADMINISTRATIVE SERVICES--AIR FORCE

General urged as head of administration field. AF
Times 32:5 Nov 17 '71

ADMIRALS see Flag OfficersADVANCED MANNED STRATEGIC AIRCRAFTSee also

Airplane Type--B-1

ADVANCED RESEARCH PROJECTS AGENCY

The coming age of the talking computers. Edgar
Ulsamer. illus AF & Space Dig 54:49-55 Jan '71

AERIAL GUNNERY see Gunnery, Aerial

AERIAL REFUELING see In-Flight Refueling

AERIAL WARFARE see Air Warfare

AERO CLUBS

United States

The aero club today. SqLdr Donald Melvin and Capt Terry A Nelson. illus Aerosp Safety 27:16-17 Aug '71

Immediate action by commanders required to arrest USAF aero club accident trend. TIG Brief 23:1 Jun 4 '71

The military pilot and aero clubs. illus Interceptor 13:20-21 Feb '71

'70 safety mark set; 6 die in '71 crashes. AF Times 31:17 May 19 '71

AEROBATICS

See also

Thunderbirds

The aerobatics story. Arnold Wagner. illus Interavia 26:246-248 Mar '71

AERODYNAMICS

Aircraft wake turbulence--an interesting phenomenon turned killer. Andrew S. Carten, Jr. illus tab AU Rev 22:12-24 Jul-Aug '71

Autorotation. illus MAC Flyer 18:18-22 Dec '71

Helicopter wake turbulence. Vernet V. Poupitch. illus Aerosp Safety 27:2-3 Dec '71

Phling-wing fundamentals. illus MAC Flyer 18:12-15 Jul '71

Transonic transport developments. (From address, 12th Anglo-American Aeronautical Conference, Calgary, Canada, July 7-9, 1971) Lloyd T. Goodmanson. illus tab Interavia 26:1386-1388 Dec '71

Weighing the intangibles. CDR Davidson Luehring. illus Approach 17:36-37 Aug '71

AEROMEDICAL EVACUATION

Addicts double airevac. Jim Sample. AF Times 32:1+ Oct 13 '71

Aeromedical evacuation. LtCol Elwyn E. Wilson, Ret. illus Navigator 18, No. 2:9-10 '71

Aeromedical system needs improved management procedures--integrated system calls for progressive thinking. Col Ralph E. Thompson. illus Tac Alft 1:14-19 Jul '71

Aeromedical transportation and general aviation. Harry L. Gibbons and Carl Fromhagen. tab Aerosp Med 42:773-779 Jul '71

The air medical evacuation system concept. CW2 Robert E. Cline. illus USA Avn Dig 17:22-25 Jul '71

Airevac--'copters save civilians. illus Govt Exec 3:21 Apr '71

Handiest hospital. 1stLt James A. Pulver. illus Army Dig 26:46-47 Feb '71

Med evac flights highlight TAC rotation. Jim Sample. AF Times 31:17 Jul 14 '71

NG choppers support World Cup Ski Competitions. Maj Albert J. White, Jr. illus USA Avn Dig 17:34-35 Jul '71

AEROMEDICAL EVACUATION - Continued

Passing of a metal hand (Military Assistance to Safety and Traffic (MAST)) Sgt Dave Cole illus Airman 15:34-37 Nov '71

Patient flow drops off. AF Times 31:14 Mar 17 '71

Pleiku hospital cleared--casualties anticipated. AF Times 31:22 May 26 '71

Results of early aeromedical evacuation of Vietnam casualties. (Paper, Aerospace Medical Assoc, San Francisco, May 6, 1969) M.S. White and others. illus map tab Aerosp Med 42:780-784 Jul '71

The thread of a concept. Col E.R. Brady. illus MarCor Gaz 55:35-42 May '71

To your health. illus Soldiers 26:54-55 Oct '71

Viet phasedown effects announced. AF Times 32:22 Oct 6 '71

History

The thread of a concept. Col E.R. Brady. illus MarCor Gaz 55:35-42 May '71

AEROMEDICAL EVACUATION UNITS

Winged ward (Special Airborne Medical Care Unit) tested. AF Times 31:18 Jul 14 '71

AEROMEDICINE see Aviation Medicine

AERONAUTICAL CHART AND INFORMATION CENTER

Air Force Aeronautical Chart and Information Center. illus AF Mag 54:136-137 May '71

AERONAUTICAL CONFERENCES see Conferences, Aeronautical

AERONAUTICAL INSTRUMENTS

See also specific types of instruments, e.g., Altimeters

Big instrument--'135 flight director: Special Number Two. Maj John C. Bonnette and Emory M. Strong, Jr. illus Combat Crew 22:18-19 Sep '71

Big instrument--special on the 135 flight director. Maj William E. Baker. illus Combat Crew 22:23 Apr '71

Equipment--the new sources (at the 1971 Paris Salon). illus Interavia 26:922-929 Aug '71

History

Doolittle's instrument first--it was Jimmy Doolittle, famous daredevil racing pilot, who first proved that blind flying was possible. C. V. Glines. illus Combat Crew 22:8-12 Dec '71

AERONAUTICAL RATINGS

Fund woes excuse 500 more ratings. Bruce Callander. AF Times 32:1+ Dec 29 '71

Interceptor interview: The rated supplement; three ADC personnel experts tell all about the new personnel program. illus Interceptor 13:5-9 Oct '71

New rated review plan based on timing begins. AF Times 31:1+ Apr 21 '71

New rated review to screen 7th, 15th year flying groups. AF Times 31:2 Jul 21 '71

Pilot screening due for changes. AF Times 31:21 Jan 27 '71

ROTC due to produce more fliers. AF Times 32:3 Sep 1 '71

AERONAUTICAL RATINGS - Continued

Rated face 'build time' order--word due in August.
Bruce Callander. AF Times 31:4 May 19 '71

Rated officer review system. TIG Brief 23:6
Jun 18 '71

Support slots listed. AF Times 31:2 Mar 31 '71

Statistics

297 fliers short of needed rating. Ed Gates. tab AF
Times 32:1+ Aug 25 '71

AERONAUTICAL RESEARCHUnited States

Sonic boom and the supersonic transport. Maj Richard
M. Roberds. illus AU Rev 22:25-33 Jul-Aug '71

AERONAUTICAL SYSTEMS DIVISION

Bare Base--a new concept in air mobility. Capt
Alson F. Sherwin. illus Review 51:25-26+
Sep-Oct '71

ELSIE (Emergency Life-Saving Instant Exit): A life-
saver--instant plane door. illus AF Times 32:30
Aug 25 '71

Life support for aircrews. (Interview with Col Albert
P. Lovelady) illus Aerosp Safety 27:6-9 May '71

Their no. 1 job: Care of man--SPO's at Wright-
Patterson work to give aircrews comfort and
safety in flight. illus AF Times 31:28 Jan 13 '71

Updating the (Air) Force. Ed Blair. illus Airman 15:
7-11 Mar '71

Wright-Patterson (AFB, Ohio) opens large recon
test facility. AF Times 31:38 Jul 28 '71

Wright-Patterson (AFB, Ohio) shop produces odd
aircraft. AF Times 31:32 Apr 28 '71

AERONAUTICS

This heading is used for articles on technical and tech-
nological aspects of aviation and aircraft, both mili-
tary and civilian; Airlines is used for articles on com-
mercial air transportation companies; Flying is used
for popular, nontechnical articles on the pleasures of
flying.

See also

All-Weather Flying	Instrument Flying
Altitude Flying	Night Flying
Aviation	Visual Flying

United StatesHistory

Doolittle's instrument first--it was Jimmy Doolittle,
famous daredevil racing pilot, who first proved
that blind flying was possible. C. V. Glines. illus
Combat Crew 22:8-12 Dec '71

AEROSPACE DEFENSE COMMAND

ADC alters tour rules for isolated installations.
AF Times 32:20 Oct 20 '71

Aerospace Defense Command. illus chart AF Mag
54:100-103 May '71

& Darts. Capt Larry B. McBride. illus Interceptor
13:13-15 Jan '71

The combat commands (ADC, SAC, and TAC) mark
25 years. illus AF Mag 54:61-63 Mar '71

Daggers. Col Wayne C. Gatlin. illus Interceptor
13:10-12 Jan '71

1970 (ADC) accident summary. tabs Interceptor
13:8-11 Mar '71

AEROSPACE DEFENSE COMMAND - Continued

Sea watch established. AF Times 32:3 Sep 8 '71

Tournament of champions--William Tell, 1970. illus
Interceptor 13:5-6 Jan '71

USAF communications support for Apollo 14. illus
Signal 25:29-32+ Jul '71

Voodooos. Maj Tom H. Lundquist. illus Interceptor
13:7-9 Jan '71

William Tell 1970 (Tyndall AFB, Fla, Oct 26-31,
1970). LtCol Joseph L. Phinney. illus AU Rev
22:29-33 May-Jun '71

History

The combat commands (ADC, SAC, and TAC) mark
25 years. illus AF Mag 54:61-63 Mar '71

AEROSPACE EDUCATION FOUNDATION

Blazing educational trails. LtCol Maurice Lien, Ret.
illus Airman 15:27-29 Apr '71

Education: AFA's basic and continuing mission. James
McDonnell. illus AF Mag 54:63-65+ Feb '71

Sharing Air Force's educational know-how. Michael
J. Nisos. illus Aerosp Intl 7:115-117 Dec '71; AF
Mag 54:115-117 Dec '71

AEROSPACE INDUSTRIES ASSOCIATION OF AMERICA,
INC

Aerospace industry tells woes. Bruce Callander.
AF Times 31:13 Jul 28 '71

Defense industry--profits versus risks. illus Govt
Exec 3:36+ Oct '71

The procurement jungle. Claude Witze. Aerosp Intl
7:10-12 Dec '71; AF Mag 54:10-12 Dec '71

AEROSPACE INDUSTRY AND TRADESee also

Electronic Industry and Trade
Missile Industry and Trade
Space--Commercial Applications

Aerospace review. Regular feature in issues of
Aerospace International

Japanese seeking foreign markets, foreigners seeking
Japanese markets--postscript to the Nagoya Air
Show (Nov 1971). Max Nibloe and John F. Brindley.
illus Interavia 26:1363-1366 Dec '71

Vigorous growth, but fading profits--a quarter cen-
tury of aviation development. tabs illus Interavia
26:327-334+ Apr '71

International Aspects

Italy weighs aerospace industry future. Interavia 26:
1405 Dec '71

Space laboratory (Research and Applications Module
(RAM)). illus NATO's Fifteen Nations 16:89 Jun-
Jul '71

The space shuttle. Kenneth W. Gatland. tabs illus
(Also cutaway) Spaceflight 13:158-163 May '71

Australia

Space shuttle research in Australia. illus (Also
cutaways) Spaceflight 13:32 Jan '71

Belgium

Belgian aerospace activity. B. J. G. Davidson. illus
Interavia 26:254-256 Mar '71

AEROSPACE INDUSTRY AND TRADE - ContinuedEurope, Western

The aerospace industry in Europe--a survey of national activity. illus tab Interavia 26:548-553 May '71

France

The French aerospace equipment industry. P.J. Souriau. tab Interavia 26:579-580 May '71

The French aerospace industry. illus tabs Interavia 26:513-521 May '71

The French aerospace industry and the state's 6th plan. J.N. Adenot. illus chart Interavia 26:526-528 May '71

The USIAS annual report--1970-71. tab Interavia 26:1388 Dec '71

Great Britain

The rockets of Bristol Aerojet. illus tab Spaceflight 13:30-32 Jan '71

Italy

Italy weighs aerospace industry future. Interavia 26:1405 Dec '71

Japan

Japan's military goal--building a strong defense. Ronald Golden. illus Aerosp Intl 7:26-27+ Mar-Apr '71

Latin America

The Latin American arms market. Intl Def Rev 3:123 Jun '70

United States

AFA's 1971 aerospace development briefings. (AFA Convention, Washington, Sep 19-23, 1971) Claude Witze. illus AF Mag 54:86-89 Nov '71

(Aerospace industry--a vital national resource) LtGen Ira C. Eaker, Ret. AF Times 32:13 Dec 22 '71

The aerospace industry looks ahead. John W. Anderson. Signal 25:194 Jun '71

Aviation industry slowly recovering. LtGen Ira C. Eaker, Ret. AF Times 32:13 Oct 13 '71

Defense industry--profits versus risks. illus Govt Exec 3:36+ Oct '71

Doubts about technology: Are they valid? illus Space World H-8-92:14-16 Aug '71

Statistics

A report on the U.S. aerospace industry. J. Philip Geddes. illus tabs Interavia 26:679-683 Jun '71

AEROSPACE LABORATORIES

The Mullard Space Science Laboratory (University College, London). K.J.H. Phillips. illus Spaceflight 13:97-99 Mar '71

AEROSPACE MEDICAL ASSOCIATION

Aerospace Medical Association, 42d Annual Meeting (Houston, Tex) April 26-29, 1971. (Program) Aerosp Med 42:224-238 Feb '71

Annual awards (1947-1971). Tables only. Aerosp Med 42:921-922 Aug '71

1971 award winners of the Aerospace Medical Association. illus Aerosp Med 42:584-588 May '71

Report of Association's 1971 Business Meeting in Houston (April 27, 1971). illus Aerosp Med 42:912-920 Aug '71

AEROSPACE MEDICAL ASSOCIATION - Continued

Two honorary members (Drs Wernher von Braun and Louis Rousselot) named in Houston (Tex) at 42d Annual Meeting (of Aerospace Medical Assoc, April 26-29, 1971) illus Aerosp Med 42:689 Jun '71

AEROSPACE MEDICINE see Aviation Medicine; Space MedicineAEROSPACE POWERSee alsoAir Defenses

Aerospace affairs. AVM W.M. Yool. Regular feature in some issues of Army Quarterly and Defence Journal

The irresistible weapon. Maj Theodore Vander Els. illus Mil Rev 51:80-90 Aug '71

History

Air power in World War I: Sideshow or decisive factor? Charles D. Bright. illus Aerosp Hist 18:58-62 Jun '71

Peaceful Applications

Space in the seventies. Thomas O. Paine. illus Ordnance 55:328-330 Jan-Feb '71

Great Britain

Defence policy--the Air League view mid 1970. Royal Air Forces Qtr 11:33-36 Spring '71

Japan

Restraints on air power in limited war: Japan vs USSR at Chankufeng, 1938. Alvin D. Coox. illus map Aerosp Hist 17:118-126 Dec '70

Russia

Restraints on air power in limited war: Japan vs USSR at Chankufeng, 1938. Alvin D. Coox. illus map Aerosp Hist 17:118-126 Dec '70

The Soviet threat. (From address, House of Representatives, Sep 28, 1970) L. Mendel Rivers. Intl Def Rev 4:39-40 Feb '71

United States

AF 'weak.' LtGen Ira C. Eaker, Ret. AF Times 32:13 Sep 15 '71

Air capable ships and through deck cruisers: Sea-air power on the cheap. Brooke Nihart. illus Armed Forces J 108:30-33 Apr 19 '71

Battle birds ace-high. AIC Dave Cole. illus Airman 15:12-15 Mar '71

A clearer perspective. (Remarks, Washington Chapter, American Ordnance Assoc, Washington, April 12, 1971) Gen George S. Brown. AF Pley Ltr for Comdrs: Sup No. 6:18-24 Jun '71

Competition among nations. (Address, Notre Dame AFROTC Detachment Dining-In, South Bend, Ind, March 10, 1971) Gen John C. Meyer. AF Pley Ltr for Comdrs: Sup No. 5:11-15 May '71

Less money, fewer people, more technology. (Remarks, Alamo Chapter, AFA, San Antonio, Sep 29, 1971) Gen John C. Meyer. AF Pley Ltr for Comdrs: Sup No. 12:19-24 Dec '71

The requirement for a tactical air superiority fighter in the United States Air Force--now and in the 70s. Maj H. L. Kimsey. illus Hawk No. 31:51-55+ Feb '70

SEA airpower's effectiveness weighed (by Air University under the code name Corona Harvest). AF Times 31:21 Jun 9 '71

AEROSPACE POWER - ContinuedUnited States - Cont'd

The use of air power in Vietnam. AVM S.W.B. Menaul. illus Royal United Svcs Inst for Def Studies J 116:5-15 Jun '71

View from the blue. Col William C. Moore. AF Mag 54:76-78+ Sep '71

History

The bombing at Virginia Capes. Dale L. Walker. illus Am Avn Hist Soc J 16:170-174 Fall '71

Vietnam (Republic)

How the South Vietnamese are taking over their own air war. Kenneth Sams. illus AF Mag 54:24-30 Apr '71

AEROSPACE RESCUE AND RECOVERY SERVICE

Accident-free flying is a way of life (for 40th Aerospace Rescue and Recovery Wg, Ramstein AB, Germany). illus MAC Flyer 18:21-23 Jul '71

Aerospace Rescue and Recovery Service. Maj James E. Good. Navigator 18, No. 2:21-23 '71

The many who care. illus Interceptor 13:8-11 Feb '71

That others may live. illus MAC Flyer 18:22-26 Jan '71

24 lives saved by CAP in 1971. AF Times 31:49 Mar 10 '71

AEROSPACE RESEARCH PILOT SCHOOL

Aldrin to head Aerospace (Research) Pilot School. George Weiss. illus Armed Forces J 108:12 Feb 1 '71

All-AF Apollo 15 meets 1961 goal. Bruce Callander. AF Times 32:13 Aug 11 '71

AFGHANISTAN

Where three empires used to meet. Brig A.E.C. Bredin. map Army Qtr pt 1, Afghanistan. 101: 364-371 Apr '71

AFRICA

Africa: Intriguing continent of intrigue. Dick Russell. Govt Exec 3:37-39 Dec '71

Africa unites against aggression. I. Yermakov. Soviet Mil Rev No. 2:54-55 Feb '71

Politics and Government

Africa unites against aggression. I. Yermakov. Soviet Mil Rev No. 2:54-55 Feb '71

AFRICA, SOUTH

Arms sales to South Africa--would a NATO ASW presence at the Cape be more acceptable, more effective? John Marriott. illus Armed Forces J 108:38-39 May 17 '71

South Africa, a springboard of imperialism and neo-colonialism. V. Kunin. illus Soviet Mil Rev No. 4: 53-55 Apr '71

Strategic Importance

Arms for South Africa. Maj E. Hinterhoff. illus NATO's Fifteen Nations 16:26-33 Feb-Mar '71

AGE

The dilemma of the aging engineer. Eugene E. Peer. illus tab AF Civil Engr 12:5-8 Aug '71

Physical fitness, flight requirements and age. Ralph F. Goldman. tabs Aerosp Med 42:635-641 Jun '71

AGENCY FOR INTERNATIONAL DEVELOPMENT

United States Agency for International Development--from advice to action. Jesse M. Johnson. illus Army Log 3:18-21+ May-Jun '71

AGNEW, Spiro T.

(The challenge to military professionalism) (Banquet address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Spiro T. Agnew. por Armor 80: 40-43 Jul-Aug '71

AGRICULTURE DEPTOrganization

Establishing goals and measuring effectiveness. A. Kenneth Hatch. illus Def Mgt J 6:29-32 Feb '71

AIDES

Military men at the White House. James D. Hessman. illus Armed Forces J 108:20-21+ Feb 1 '71

AIR BASE DEFENSESee also

Disaster Control
Vietnamese Conflict, 1957- --Security Operations

Airfield defence--a vital insurance. AVM B. P. Young. illus Royal Air Forces Qtr 10:263-268 Winter '70

Rocket-Artillery-Mortar (RAM) attacks. TIG Brief 23:6 Jun 4 '71

AIR BASESSee also

Inactivation of Installations and Units--Air Force

ConstructionSee also

Vietnamese Conflict, 1957- --Engineering and Construction

Bare Base--a new concept in air mobility. Capt Alson F. Sherwin. illus Review 51:25-26+ Sep-Oct '71

(Operation) 'Heavy Bare' (base concept) tests mobility. Col Donald C. Carlson. illus Tac Alft I:6-8 Apr '71

Dispersal

B-52 'satellites' expand facilities. AF Times 31:3 Apr 28 '71

SAC satellite base expansion reduced. AF Times 32:5 Aug 18 '71

SAC satellite plan adds 7 inland bases. AF Times 32:10 Aug 25 '71

Australia

Point Cook--birthplace of the R.A.A.F. illus Royal Air Forces Qtr 11:199-201 Autumn '71

Spain

Target: Bardenas Reales (near Zaragoza AB, Spain). MSgt L. B. Leonberger. illus Airman 15:31-33 Nov '71

United States

Air bases are entered by name and location as given by the U.S. Organization Chart Service's U.S. Military and Government Installation Directory.

Air Force announces base adjustments. AF Plcy Ltr for Comdrs: Sup No. 6:31-32 Jun '71

AIR BASES - ContinuedUnited States - Cont'd

- B-52 'satellites' expand facilities. AF Times 31:3 Apr 28 '71
- Base annexation threat grows. AF Times 32:8 Nov 3 '71
- Cutback hits many bases. Ed Gates. AF Times 31:1+ Mar 24 '71
- Niagara Falls, NY Airport to be Air Force Reserve base. Officer 47:29 Jan '71
- Plush incentives offered for first-termers. AF Times 31:1+ Mar 17 '71
- Reducing flight disturbances that cause adverse public reactions. TIG Brief 23:18 Jan 29 '71
- SAC satellite plan adds 7 inland bases. AF Times 32:10 Aug 25 '71
- Three keys to base civil engineering productivity. BrigGen Archie S. Mayes. illus AF Civil Engr 12:14-15 Aug '71

Directories

- Base skill guide issued for CONUS. tab AF Times 32:19+ Aug 25 '71
- Guide to Air Force bases--where they are--their phone numbers--what their jobs are--how they were named--their size and altitude. map AF Mag 54:166-177 May '71

Maintenance and Repair

- Self-help--a way of life at Lockbourne AFB (Ohio). W. F. Herbort. illus AF Civil Engr 12:10-12 Aug '71

Dow AFB, Maine

- Dow (AFB, Maine) pullout in '68 spurs busy jet port. AF Times 31:13 Jan 13 '71

Eglin AFB, Fla

- The green and the growing. A1C Dave Cole. illus Airman 15:13-15 Jan '71

George AFB, Calif

- Built-ins for George (AFB, Calif). Ed Blair. illus Airman 15:24-28 Nov '71
- George's (George AFB, Calif) new modulars lauded. Bob Neprud. illus AF Times 32:38 Oct 27 '71
- The housing boom at George AFB (Calif). Edgar Ulsamer. illus AF Mag 54:52-53 Oct '71

Griffiss AFB, NY

- Griffiss (AFB, NY) gets low-cost (off-base) housing. Jim Sample. AF Times 32:1+ Sep 8 '71

Gunter AFB, Ala

- AFDSDC (Air Force Data Systems Design Center) moves to Gunter (AFB, Ala). illus AF Compt 5:12-13 Nov '71

Lockbourne AFB, Ohio

- Self-help--a way of life at Lockbourne AFB (Ohio). W. F. Herbort. illus AF Civil Engr 12:10-12 Aug '71

McGuire AFB, NJ

- 4-day week eyed. Ed Gates. AF Times 32:17 Oct 20 '71

Richards-Gebaur AFB, Mo

- AFCS Noncom Academy set (at Richards-Gebaur AFB, Mo). AF Times 32:17 Sep 15 '71

AIR BASES, AMERICAN

- The focus is on contingency planning. TIG Brief 23:20-21 Sep 24 '71

- The focus is on contingency planning. Maj Hermann F. Engelbach, Jr and Capt Peter LoPresti. illus AF Civil Engr 12:12-13 Aug '71

Directories

- The major installations of the United States Air Force overseas. Table only. AF Mag 54:176-177 May '71

Korea

- Korea: Post-Pueblo. Capt Robert P. Everett. Airman 15:9-10 Aug '71

- Planes, 'mule train' keep sites (in Korea) supplied. Sgt Bryan Raymond. AF Times 31:34 Jun 2 '71

Philippines (Republic)

- 10,000 KW gas turbine for Clark AB (Philippines). Harry A. Davis. illus AF Civil Engr 12:20-21 Feb '71

Puerto Rico

- Cutback hits many bases. Ed Gates. AF Times 31:1+ Mar 24 '71

Spain

- NATO and Spain. Maj E. Hinterhoff. (Reprinted from NATO's Fifteen Nations, Apr-May 1970) Royal Air Forces Qtr 10:271-275 Winter '70

- Spain and NATO. Eugene Hinterhoff. illus Mil Rev 51:39-44 Mar '71

Thailand

- Ubon (RTAFB, Thailand) to improve on-base living. Sgt Peter K. Fiske. AF Times 31:19 Jul 7 '71

Vietnam (Republic)

- 'Big John' oversees Vietnam withdrawal. AF Times 32:22 Nov 17 '71

- Khe Sanh: Roughing it. illus AF Times 31:22 Apr 14 '71

- Ride to Tan Canh filled with risks. Sgt Ken Sweeney. AF Times 31:16 Jan 27 '71

AIR BASES, AUSTRALIANMalaysia

- The biggest air base in Malaysia--Royal Australian Air Force. Mike Driver. Royal Air Forces Qtr 11:45-47 Spring '71

AIR BASES, BRITISHSingaporeHistory

- Changi 1927-1971. GpCapt H. A. Probert. Royal Air Forces Qtr 11:127-131 Summer '71

AIR BASES, NAVALUnited StatesHistory

- Naval Reserve Aviation Base, Long Beach (Calif), 1929-1942. Allen E. Morgan. illus Am Avn Hist Soc J pt 1, The early years. 16:280-285 Winter '71

AIR CARGO

- Air cargo--the sleeping giant. illus tabs Interavia 26:31-33 Jan '71

AIR CARGO - Continued

- The airfreightage of airmail. illus Interavia 26:37 Jan '71
- The airline industry and its profitless growth. Edgar E. Ulsamer. illus Aerosp Intl 7:6-10 Jan-Feb '71
- Airlines aim flak at cargo flights. Bruce Callander. AF Times 32:13 Dec 8 '71
- Automatic cargo sorting Lufthansa style. illus (Also cutaway with scale plan) Interavia 26:38-39 Jan '71
- Back-breaking efforts regain cargo pallets. Sgt John H. Mueller. AF Times 31:18 Jan 6 '71
- Canadians instructed in LAPES (Low Altitude Parachute Extraction System). AF Times 31:37 Feb 17 '71
- Cargo terminal analysis. J.D.Stites. illus tabs Def Trans J 27:36-40 Mar-Apr '71
- Close the computer generation gap. Capt John P. McLaughlin. illus Translog 2:15-17 Jul '71
- Dangerous cargo--"hot" or "cold." Capt Robert B. Reeser. illus Aerosp Safety 27:6-7 Jun '71
- Dangerous cargo is still dangerous. TIG Brief 23:18 May 7 '71
- The 463L materials handling system--its origins and future. Col Russell C. Clarke. illus Review 50:35-36+ Jan-Feb '71
- Future international air cargo prospects. Douglas Cornell. illus Interavia 26:40-41 Jan '71
- Intermodal transportation: Key to strategic mobility. Philip N. Whittaker. illus Def Trans J 27:22-26 Mar-Apr '71
- Qualifying equipment operators. (Norton AFB, Calif MHE program) illus Aerosp Safety 27:14-15 Oct '71
- Transportation of gifts and donated materials on military aircraft. TIG Brief 23:11 Dec 3 '71

AIR CAVALRY

- Aero scout...what's it all about? Capt Matthew M. Serletic. illus USA Avn Dig 17:30-31 Feb '71
- The air cavalry troop: Will it be effective? Capt David W. Owen. illus Infantry 61:42-45 May-Jun '71
- Army reports helicopter success in Laos, Air Force skeptical. Brooke Nihart. Armed Forces J 108:24+ Apr 5 '71
- CO 2/17 AirCav: 'Gunships took tanks, survived flak' in Laos. George Weiss. illus Armed Forces J 108:22-23+ Apr 19 '71
- Cambodian blitz. Maj Mel Jones. illus Armor 80:21-24 Jan-Feb '71
- TRICAP (TRiple CAPability). LtGen John Norton. illus map chart Army 21:14-19 Jun '71
- TRICAP (TRiple CAPability)--a new concept. Charles W. Corddry. illus Natl Guardsman 25:2-10 Apr '71
- We armed the helicopter. Col Jay D. Vanderpool, Ret. illus USA Avn Dig 17:2-6+ Jun '71

AIR CREWS

See also specific kinds of crew members, e.g.,

Navigators
Pilots

- Aircrew evaluation. TIG Brief 23:13 May 7 '71
- Aircrew rules relaxed for SEA to attract EM volunteers. AF Times 31:5 Jan 20 '71

AIR CREWS - Continued

- But who takes care of the water boy? (Mission support flying) Maj Richard L. Wing. illus MAC Flyer 18:4-8 Jun '71
- A combat crew production function. LtCol Herman L. Gilster. illus tabs AU Rev 23:47-58 Nov-Dec '71
- Complacency. illus MAC Flyer 18:24-25 Apr '71
- Crew chief--a special soldier. CW2 Vance H. La-bounty. illus USA Avn Dig 17:35 May '71
- Crew error. illus tab USA Avn Dig 17:57-59 May '71
- Crew performance as a factor of information input. Richard E. McKenzie. tabs Aerosp Med 42:337-339 Mar '71
- Critical emergency procedures. TIG Brief 23:11 Apr 9 '71
- Discipline. (The experience level within the B-52 and KC-135 crew force considerably less than SAC has had in past years) Col Wm. P. Armstrong. illus Combat Crew 22:19-21 Dec '71
- Enlisted fliers tell of combat--'Palace Gun' program. AF Times 31:20 Mar 17 '71
- Epilepsy and medical examinations of flight personnel, importance and difficulty of diagnosis. J. Lavernhe and others. Aerosp Med 42:889-890 Aug '71
- Evaluation function of the flight management program. TIG Brief 23:2 Apr 9 '71
- The extension. LtCol F.E. Thompson. illus MAC Flyer 18:10-13 Feb '71
- Field study of transport aircrew workload and rest. Bryce O. Hartman. illus tabs Aerosp Med 42:817-821 Aug '71
- Hazard rate of recurrence in patients with malignant melanoma. Fred G. Conrad and others. illus tabs Aerosp Med 42:1219-1225 Nov '71
- Hearing but not listening? illus Aerosp Safety 27:8-9 Jan '71
- The navigator in tactical strike aircraft. LtCol Everett H. Webster. illus Navigator 18, No. 3:1-5 '71
- The new C-141 pilot appears. illus MAC Flyer 18:22-23 Sep '71
- Noise and aircrew effectiveness. William R. Pierson. illus tab Aerosp Med 42:861-864 Aug '71
- Officer first! LtCol Richard G. Courtney. illus Approach 16:24-25 Mar '71
- Performance and fatigue in experimental double-crew transport missions. D.A. Harris and others. illus tabs Aerosp Med 42:980-986 Sep '71
- SAC fliers air their worries--stagnant careers, prolonged alerts. Jim Sample. illus AF Times 31:16 Mar 24 '71
- SAC offers flying jobs. AF Times 31:22 Feb 17 '71
- A subject for discussion. Maj Howard C. Usher, Jr. illus Combat Crew 22:20-21 May '71
- This train don't carry no passengers. The GIB--passenger or participant? Capt Richard Anderegg. illus Aerosp Safety 5:6-7 Apr '71
- 297 fliers short of needed rating. Ed Gates. tab AF Times 32:1+ Aug 25 '71
- Volunteers needed for SEA aircrews. AF Times 31:6 May 19 '71

AIR CREWS - Continued

What you can do for aviation accident prevention.
illus USA Avn Dig 17:36-47 Aug '71

Education and Training

Boom operator training program (at) 4017th Combat
Crew Training Squadron (Castle AFB, Calif). illus
USAF Instrs J 9:44-47 Fall '71

A coordinator caper. (Aircrew Training Flow Coordi-
nation Division) MSgt Loren B. Leonberger. illus
Airman 15:30-33 Apr '71

MAC's new chopper college (1550th Aircrew Train-
ing and Test Wg, Hill AFB, Utah). Maj Ed Ross.
illus MAC Flyer 18:4-8 Nov '71

A motivational philosophy. Maj John P. Rouse. illus
USAF Instrs J 9:33-35 Fall '71

New techniques implemented for training aircrews.
LtCol Clyde W. Huether. illus Tac Aft 1:10-11
Jul '71

ROTC due to produce more fliers. AF Times 32:3
Sep 1 '71

Routing instructions for aircrew members. TIG Brief
23:13 Jun 4 '71

Smart bombs. LtCol R. Earl Haney. illus USAF Ftr
Wpns Rev No. 2:1-3 Summer '71

That others may live. illus MAC Flyer 18:22-26
Jan '71

When is a helicopter like an ejection seat? LtCol
John P. Heilman, Jr. illus USA Avn Dig 17:20-22
Apr '71

AIR CUSHION VEHICLES

Above-surface craft. Capts V. Abchuk and A. Pravdin.
Soviet Mil Rev No. 4:36-37 Apr '71

100 knot Navy. (Surface effect ships) Larry L. Booda.
illus Navy 14:17-19+ Jun '71

Small ships (hydrofoils and surface effect ships) in
a big ship Navy. Brooke Nihart. illus Armed
Forces J 108:26-29 Mar 15 '71

Surface logistics faces a 100-knot future. Michel R.
Scott. illus Translog 2:7-8 Apr '71

Tracked Air Cushion Vehicle (TACV). illus (Also
cutaway) Def Trans J 27:45-47 Jul-Aug '71

AIR DEFENSE COMMAND see Aerospace Defense Com-
mand

AIR DEFENSESSee also

Missile Defense
Sage
Warning Systems

China (People's Republic)

The strategic threat. BrigGen Harry N. Cordes. illus
AF Mag 54:51-55 Jul '71

Great Britain

The Air Force goes to sea. John W. R. Taylor. illus
Royal Air Forces Qtr 11:89-95 Summer '71

Air Support Command--its role and capability. AM
Harry Burton. illus Royal United Svcs Inst for Def
Studies J 116:5-12 Sep '71

The Near East Air Force. AM Derek Hodgkinson.
illus Royal Air Forces Qtr 11:191-198 Autumn '71

AIR DEFENSES - ContinuedJapan

Japan and her maritime defense. Comdr Hideo Sekino,
Ret. illus maps tabs US Nav Inst Proc 97:98-121
May '71

NATO

The air situation in the Mediterranean. John
Marriott. illus map tab Intl Def Rev 4:429-432
Oct '71

The evolution of air defense in Allied Command
Europe. Air Commodore J. H. Knoop. illus NATO's
Fifteen Nations 16:68-72+ Apr-May '71

NADGE--the eyes and brain of NATO's air defence.
John Marriott. illus tab NATO's Fifteen Nations
16:70-75 Feb-Mar '71

(Six nation electronics consortium established; called
EUTRONIC) Signal 25:94 Jan '71

Swifter and surer. Lt Guy F. Ryder. illus Army Dig
26:24-26 May '71

History

The evolution of air defense in Allied Command
Europe. Air Commodore J. H. Knoop. illus NATO's
Fifteen Nations 16:68-72+ Apr-May '71

Russia

Fighting for every second. Maj A. Derevyanko. illus
Soviet Mil Rev No. 2:12-13 Feb '71

Safeguarding the air frontiers. illus Soviet Mil Rev
No. 2:2-5 Feb '71

Soviet airmobility. LtCol Joe B. Myers. illus USA
Avn Dig 17:1-5 Sep '71

The strategic threat. BrigGen Harry N. Cordes. illus
AF Mag 54:51-55 Jul '71

United StatesSee also

North American Air Defense Command

AF 'weak.' LtGen Ira C. Eaker, Ret. AF Times
32:13 Sep 15 '71

Air attack threat to field forces greatest since 1942?
Brooke Nihart. illus Armed Forces J 108:36-39
Aug '71

At ARADCOM: Solid progress despite pinch. LtGen
Richard T. Cassidy. illus Army 21:91-93 Oct '71

B-52 'satellites' expand facilities. AF Times 31:3
Apr 28 '71

It's called AWACS--an "eye in the sky." MSgt John
W. Hart. illus Airman 15:15-17 Jun '71

The strategic triad. MajGen G. W. Johnson and
others. illus Ordnance 55:343-346 Jan-Feb '71

The synergy of the triad. Gen John C. Meyer. illus
AU Rev 22:17-25 Sep-Oct '71

Equipment

Air attack threat to field forces greatest since 1942?
Brooke Nihart. illus Armed Forces J 108:36-39
Aug '71

History

Information systems--a contributor to modern man.
(Address, AFCEA, Washington, June 8, 1970)
BrigGen Lee M. Paschall for MajGen Joseph J.
Cody, Jr) Signal 25:46-47 Aug '71

AIR DROP see Airdrop

AIR EXPRESS see Air Cargo

AIR FORCE

Divisions, Wings, Groups, etc

See also specific types of units, e.g.,
Aeromedical Evacuation Units
Airlift Units
Bomber Units
Fighter Units
Missile Units
Mobile Training Units
Refueling Units
Transportation Units

Australia

Canberra at war with No. 2 Squadron, R.A.A.F. in Vietnam. J.W. Bennett. illus Air Pict 33:62-63 Feb '71

Great Britain

Airfield defence--a vital insurance. AVM B.P. Young illus Royal Air Forces Qtr 10:263-268 Winter '70

Central Recon Establishment deactivated. illus Tac Air Recon Dig 5:7-9 Feb '71

History of No. 33 Squadron. J.D.R. Rawlings. illus Air Pict 32:327-330 Sep '70

History of No. 32 Squadron. J.D.R. Rawlings. illus Air Pict 33:424-427 Nov '71

No. 664 Squadron on Exercise (Broken Flush) in Norway. Pete Brown. illus Air Pict 33:18 Jan '71

RAF 2 Sq wins Big Click 70. illus Tac Air Recon Dig 5:34-37 Feb '71

Great Britain--History

History of No. 15 Squadron. J.D.R. Rawlings. illus Air Pict 33:98-100 Mar '71

History of No. 54 Squadron. J.D.R. Rawlings. illus Air Pict 33:294-297 Aug '71

History of No. 214 Squadron. J.D.R. Rawlings. illus Air Pict 33:26-28 Jan '71

Hurricanes in Russia--the story of No. 151 Wing. L.A. Jackets. Royal Air Forces Qtr 11:203-206 Autumn '71

United States

The anywhere, anytime bunch (89th Military Airlift Wg). Capt Garry E. Mitchelmore. illus Airman 15:8-11 Feb '71

Copter training activated. AF Times 31:20 May 12 '71

New way to pass the buck (cashier teams for pay distribution for USAF 48th Tactical Fighter Wg in England). Maj Richard F. Bishop. illus Airman 15:21-22 Jun '71

(460th) Recon(naissance) Wing (Tan Son Nhut AB) inactivated in Vietnam phasedown. AF Times 32:18 Aug 25 '71

4485th Test Squadron. Capt Donald L. Gish. illus Tac Air Warfare Cen Qtr Rpt 2:8-11 Autumn '71

There are no old bold. Maj Thaddeus R. Pidweed. illus Tac Air Recon Dig 5:6-11 Jun '71

Third C-5 squadron formed. Armed Forces J 108:20 May 3 '71

Units (1930th and 1931st Comm Sqs) merge in Alaska. AF Times 31:59 May 12 '71

AIR FORCE - Continued

Divisions, Wings, Groups, etc - Cont'd

United States--History

"The ragged irregulars"--history of the U.S. 91st Bombardment Group. Roger A. Freeman. illus Air Pict 33:178-180 May '71

Australia

The biggest air base in Malaysia--Royal Australian Air Force. Mike Driver. Royal Air Forces Qtr 11:45-47 Spring '71

History

Point Cook--birthplace of the R.A.A.F. illus Royal Air Forces Qtr 11:199-201 Autumn '71

R.A.A.F. jubilee year--50 years of achievement. Sen Thomas C. Drake-Brockman. illus Royal Air Forces Qtr 11:123-126 Summer '71

Canada

Canada's quick-reaction Transport Command. Bryan Philpott and Alan Hall. illus Air Pict 33:92-93 Mar '71

History

Recruiting Americans for the Royal Canadian Air Force, 1939-1942. Fred John Hatch. illus tabs Aerosp Hist 18:12-18 Mar '71

Germany

History

The German Air Force yesterday and today. Karl Gundelach. illus tab Aerosp Hist 18:84-92 Jun '71

Luftwaffe at Zürich, 1937. Pictorial. John F. Brindley. Air Pict 33:56-57 Feb '71

Germany (Federal Republic)

Wings of change--a new concept for Royal Air Force Germany. D.L. Stevenson. illus Interavia 26:1031-1033 Sep '71

History

The German Air Force yesterday and today. Karl Gundelach. illus tab Aerosp Hist 18:84-92 Jun '71

Great Britain

The Air Force goes to sea. John W.R. Taylor. illus Royal Air Forces Qtr 11:89-95 Summer '71

Defence Forces in Parliament. Regular feature in some issues of Royal Air Forces Quarterly

The Far East Air Force. AVM N.M. Maynard. illus Royal Air Forces Qtr 11:7-14 Spring '71

Harrier and Panavia 200--how the RAF decided. illus Intl Def Rev 4:286 Jun '71

Jaguar and MRCA--a new look at the key RAF combat aircraft of the 'seventies. John W.R. Taylor. illus Royal Air Forces Qtr 10:254-261 Winter '70

Joint maritime operations and training in the 1970s. VAdm Ian McGeoch. illus Royal United Svc Instn J 115:11-18 Dec '70

The Near East Air Force. AM Derek Hodgkinson. illus Royal Air Forces Qtr 11:191-198 Autumn '71

No. 1 Radio School. GpCapt F.C. Padfield. illus Royal Air Forces Qtr 11:25-32 Spring '71

AIR FORCE - ContinuedGreat Britain - Cont'd

Opportunities for graduates in the RAF. WgComdr A. G. T. James, Ret. illus Royal Air Force Qtr 11:219-223 Autumn '71

The RAF and its aircraft, with notes on current colour scheme and insignia. J. D. R. Rawlings and Richard Leask Ward. illus Air Pict 33:322-334 Sep '71

The Royal Air Force and Allied Command Europe. illus NATO's Fifteen Nations 16:49-56 Oct-Nov '71

The Royal Air Force and NATO. ACM Christopher Foxley-Norris. illus Hawk No. 32:13-18 Feb '71

History

Decision and dissension--birth of the RAF. Paul C. Phillips. illus Aerosp Hist 18:33-39 Mar '71

From the Archives--how the Royal Air Force officer rank titles were devised. E. B. Haslam. Royal Air Forces Qtr 11:225-228 Autumn '71

Hurricanes in Russia--the story of No. 151 Wing. L. A. Jackets. Royal Air Forces Qtr 11:203-206 Autumn '71

In another place (Malaya and Singapore). SqLdr N. Shorrick. map Royal Air Forces Qtr 10:299-305 Winter '70

Marshal of the Royal Air Force Lord Portal of Hungerford. Air Commodore H. Peake, Ret. illus Royal Air Forces Qtr 11:176-189 Autumn '71

The RAF in the Arabian Gulf. illus Air Pict 33:14-16 Jan '71

Organization

Air Support Command--its role and capability. AM Harry Burton. illus Royal United Svcs Inst for Def Studies J 116:5-12 Sep '71

Israel

Israeli aerial refueling capability blow to Arab air strategy. Brooke Nihart. illus Armed Forces J 108:15-16 Feb 1 '71

The Israeli pilot--qualities and motivations. Gad Soffer. illus NATO's Fifteen Nations 16:82-84 Aug-Sep '71

Israel's aero industry: Vigorous and sophisticated. William Leavitt. illus Aerosp Intl 7:46-49 Mar-Apr '71

Israel's Air Force--in a class by itself. William Leavitt. illus AF Mag 54:36-42 Jun '71

Korea

Korea; Post-Pueblo. Capt Robert P. Everett. Airman 15:9-10 Aug '71

Malaysia

Malaysian pilots now fly former R.A.A.F. Sabre fighters. illus Royal Air Forces Qtr 10:314-315 Winter '70

NATO

The Royal Air Force and Allied Command Europe. illus NATO's Fifteen Nations 16:49-56 Oct-Nov '71

Russia

The development of Soviet military power in the past 20 years. illus map NATO's Fifteen Nations 16:36-42 Apr-May '71

AIR FORCE - ContinuedRussia - Cont'd

Equipment + aerodynamics + tactics. (Interview with Col Gen A. Yefimov) illus Soviet Mil Rev No. 8: 13-15 Aug '71

Singapore

Singapore Air Defence Command. illus Air Pict 33:40-41 Feb '71

Spain

Spectacular use of Fokker F. 28 by Iberia. D.H. Chopping. illus tab map Interavia 26:581-584 May '71

History

Spanish Civil War. S. James. illus tabs Air Pict 33: 139-140 Apr '71

United States

AF responsive, Seaman says. tab AF Times 31:2 May 19 '71

Air Force training and our national economy. LtGen George B. Simler. illus AU Rev 22:26-33 Sep-Oct '71

Focus on people. Gen John D. Ryan. illus AF Mag 54: 44-46+ May '71

Force-structure planning: Considerations, problems, and issues. LtCol Edward Stellini. illus AU Rev 22:2-15 May-Jun '71

The future Air Force. Gen John D. Ryan. illus Ordnance 56:202-205 Nov-Dec '71

Human relations and Air Force readiness. (Remarks, Air Force Sergeants Assoc, Washington, Aug 31, 1971) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 10:6-11 Oct '71

Improving things for people. (Address, AFA Convention, Washington, Sep 21, 1971) Robert C. Seaman, Jr. illus AF Mag 54:63-65 Nov '71: Adaptation. AF Plcy Ltr for Comdrs: Sup No. 11: 17-22 Nov '71

Less money, fewer people, more technology. (Remarks, Alamo Chapter, AFA, San Antonio, Sep 29, 1971) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 12:19-24 Dec '71

Management of Air Force intelligence production. TIG Brief 23:3 Dec 3 '71

New policies to improve Air Force life. TIG Brief 23:8 Jan 15 '71

1971--less money, fewer people, more jobs. Editorial. John L. Frisbee. AF & Space Dig 54:4-5 Jan '71

The requirement for a tactical air superiority fighter in the United States Air Force--now and in the 70s. Maj H. L. Kimsey. illus Hawk No. 31:51-55+ Feb '70

Ryan: Three approaches to the essential qualitative edge. Gen John D. Ryan. illus Armed Forces J 108:31-33+ Jan 4 '71

USAF at work. Pictorial. AF Mag 54:36-39 Sep '71

USAF priority system for managing Air Force resources. TIG Brief 23:11-12 Dec 31 '71

USAF's changing role in Vietnam. John L. Frisbee. illus tabs AF Mag 54:40-45 Sep '71

USAF's electronic future--open-ended. William Leavitt. illus AF Mag 54:37-41 Jul '71

AIR FORCE - ContinuedUnited States - Cont'd

USAF's electronic revolution. John L. Frisbee. illus AF Mag 54:32-36 Jul '71

The U. S. Air Force: A national resource. (Address, Boston Chapter, AFA, Hanscom Field, Mass, April 23, 1971) Robert C. Seamans, Jr. AF Ploy Ltr for Comdrs: Sup No. 6:2-7 Jun '71

History

Former Air Force Historian (Albert Franklin Simpson) dies. illus Aerosp Hist 18:114 Sep '71

Last of the first (LtCol Carleton G. Chapman, Ret). illus Airman 15:9-11 Jun '71

Louder than words--the case for Air Force modernization. Airman 15:4-6 Mar '71

Picture depository keeps Air (Force) history. AF Times 31:18 Feb 17 '71

USAF's organizational ambivalence. Col Frederick C. Thayer, Ret. illus AF Mag 54:42-47 Nov '71

Organization

(Photocharts showing structure of the Office of the Secy of the AF, the USAF Command and Staff, the Deputy Chiefs of Staff, the major commands and the separate operating agencies as of April 15, 1971) AF Mag 54:51-53 May '71

USAF's organizational ambivalence. Col Frederick C. Thayer, Ret. illus AF Mag 54:42-47 Nov '71

Statistics

AF not reduced as forces drop. tab AF Times 31:18 Jun 16 '71

(Air) Force figures hit 'overweight' level. AF Times 32:3 Dec 8 '71

Vietnam (Republic)

Expanded training seen for Viet AF. Sgt John Gundersdorf. AF Times 31:19 Feb 17 '71

How the South Vietnamese are taking over their own air war. Kenneth Sams. illus AF Mag 54:24-30 Apr '71

New eagles (training for VNAF pilots at Keesler AFB, Miss). Capt Gary A. Guimond. illus Airman 15:3-8 Jun '71

OSI agents train Viets to fight espionage, crime--VNAF modernization. AF Times 31:16 Jun 23 '71

Progress reported in Vietnamization. AF Times 31:18 Jul 28 '71

They're here (VNAF students at U.S. Army's advanced helicopter training program, Fort Stewart, Ga). Capt James B. McKenzie, Jr. illus USA Avn Dig 17:10-14 Feb '71

USAF's changing role in Vietnam. John L. Frisbee. illus tabs AF Mag 54:40-45 Sep '71

Until the eagle (VNAF) soars. MSgt Dick Kelly. illus Airman 15:32-35 May '71

VNAF: Vietnam's growing airpower. LtCol Jim Taylor. illus Airman 15:42-47 Apr '71

Vietnam's first aircraft constructed--by hand. TSgt Ed Rutledge. illus AF Times 32:53 Sep 1 '71

Viets gain skills for more roles. AF Times 31:20 Apr 28 '71

Viets get base housing--2400 family units slated. AF Times 31:21 May 12 '71

AIR FORCE - ContinuedVietnam (Republic) - Cont'dHistory

How the South Vietnamese are taking over their own air war. Kenneth Sams. illus AF Mag 54:24-30 Apr '71

AIR FORCE ACADEMY

(AF) Academy Capt (Bob Ramsay) gives minorities sales pitch. illus AF Times 32:36 Sep 15 '71

(AF) Academy helps Indians with discarded clothing. AF Times 31:22 Jul 14 '71

(AF) Academy planetarium stimulates cadet learning. illus AF Times 32:34 Oct 6 '71

(AF) Academy wants best officers for faculty. AF Times 32:15 Dec 1 '71

The Academy's alpine sailors (Navy officers at USAFA). PHC James E. Markham. illus Airman 15:41 Aug '71

Air Force Academy's 'foster' alumni (liaison officers). illus Air Reservist 23:12-13 May-Jun '71

Cadet AIDS (Administrative Information Data System): USAF Academy's unique data processing system. Kenneth W. Veatch. illus AF Compt 5:18-20 Nov '71

Cadets at (AF) Academy find hospital place to study. AF Times 31:31 Feb 17 '71

Cadets design space shuttle. AF Times 31:22 Jun 23 '71

'Computerese' taught at AF Academy. illus AF Times 31:31 Mar 31 '71

The executives (NCO sergeant majors for cadet groups). TSgt Jim Caldwell. illus Airman 15:12-15 Jul '71

An exercise in recovery (at Farish Memorial Recreation Area). Capt Victor G. Barnes. illus AF Civil Engr 12:21 May '71

1st (AF Academy) Prep director (Col Lee G. Black) cited on retiring. AF Times 31:29 Feb 17 '71

Leaders of tomorrow. SgtlC Carl Martin. illus Army Dig 26:50-55 Jan '71

More can learn to fly earlier. AF Times 31:40 Apr 28 '71

Output measurement at the USAF Academy. Maj Jesse W. Hughes. illus Armed Forces Compt 16:13-17 Winter '71

Shaping up for the Academy. (Air Force Academy Preparatory School) William D. Madsen. illus AF Mag 54:35-37 Nov '71

Smithsonian hails (AF) Academy exhibit (on ballooning). AF Times 32:53 Sep 29 '71

Talent scouts for the Air Force Academy (liaison officers). Maj Eugene G. Barker. illus AF Mag 54:32-34 Nov '71

Those fabulous feathered falcons. James R. Patterson illus AF Mag 54:28-31 Nov '71

United States Air Force Academy. illus AF Mag 54:119-122 May '71

Curricula

Leadership instruction. Col Joseph H. Madden, Ret and Maj Lloyd R. Chason. illus USAF Instrs J 8:26-32 Winter '70-'71

AIR FORCE ACADEMY - ContinuedCurricula - Cont'd

Readout for tomorrow. (Computer science courses at AF Academy) William D. Madsen. illus Airman 15:18-20 Oct '71

2 new courses set for (AF) Academy sophs. AF Times 31:41 May 12 '71

Statistics

New (AF) Academy cadets sized up. AF Times 32:51 Sep 8 '71

690 Academy cadets named for Reg(ular) AF. tab AF Times 31:6+ Jun 2 '71

AIR FORCE ACCOUNTING AND FINANCE CENTER

The AFAFC--banker for the Air Force. Maj David M. Hall and Alva L. Daniels. illus AF Compt 5:26-27+ Mar '71

AFAFC's 'Checkpoints' provides effective evaluation Joy Eddins. illus tab AF Compt 5:18-19 Mar '71

AFAFC's Saturday savants (MOAGs(MOBilization AuGmentees)). Capt D.F. Keegan. illus AF Compt 5:29-30 Nov '71

Air Force Accounting and Finance Center. illus AF Mag 54:133-135 May '71

Finance to give pay data. AF Times 31:10 Jan 27 '71

Leave records merging (at AF Accounting and Finance Center). AF Times 32:6 Sep 29 '71

Processing TC 80 transactions at base level. TIG Brief 23:8 Mar 12 '71

AIR FORCE AID SOCIETY

School grants end; Loan programs set. AF Times 31:4 May 5 '71

AIR FORCE ASSOCIATION

AFA eyes manpower woes. Ed Gates. AF Times 32:20 Oct 6 '71

AFA honors (BrigGen) Jeanne Holm (and others). AF Times 32:20 Sep 22 '71

AFA units and individuals honored at the convention. Table only. AF Mag 54:95 Nov '71

AFA urged to back sensitivity training. AF Times 31:8 Apr 21 '71

AFA's Board of Directors. illus AF Mag 54:52-53 Feb '71

AFA's Industrial Associate program. illus AF Mag 54:54-57 Feb '71

AFA's mission: Power for peace. George D. Hardy. illus AF Mag 54:40-46+ Feb '71

AFA's 1971 aerospace development briefings. (AFA Convention, Washington, Sep 19-23, 1971) Claude Witze. illus AF Mag 54:86-89 Nov '71

AFA's Policy Resolutions for 1971-72. AF Mag 54:84-85 Nov '71

AFA's Silver Anniversary Convention (Washington, Sep 19-23, 1971)--meeting the challenge of AFA's second quarter century. Edgar Ulsamer. illus AF Mag 54:55-60+ Nov '71

Air Force Association's new leaders for 1971-72. Table only. AF Mag 54:93 Nov '71

The Air Force Association's 1971-1972 Statement of Policy. AF Mag 54:8-9 Nov '71

AIR FORCE ASSOCIATION - Continued

Awards at the 1971 Air Force Association Silver Anniversary National Convention. Table only AF Mag 54:60-61 Nov '71

Education: AFA's basic and continuing mission. James McDonnell. illus AF Mag 54:63-65+ Feb '71

Major AFA award (Schilling Trophy) earned by Apollo 15 (crew, Dr John S. Foster to receive H.H. Arnold Trophy, and Rep F. Edward Hébert to receive Vandenberg Trophy). AF Times 32:19 Sep 15 '71

NGAUS/AFA conclaves. (Summary of the NGAUS 93d General Conference, Honolulu, Hawaii, Sep 20-23, 1971 and AFA's Silver Anniversary Convention, Washington, Sep 19-22, 1971) illus Air Reservist 23:6-7 Nov '71

(Power for freedom) (Address, AFA's Silver Anniversary Banquet, Washington, Feb 5, 1971) LtGen James H. Doolittle, Ret. illus AF Mag 54:82-85 Apr '71

The presidents of AFA. illus AF Mag 54:50-51 Feb '71

Productive milestone--AFA's Silver Anniversary National Convention. (Report on AFA Convention, Washington, Sep 19-23, 1971) Don Steele. illus AF Mag 54:90-96 Nov '71

Those Pentagon Papers--who needs them? Editorial. John F. Loosbrock. AF Mag 54:6-9 Aug '71

History

The independent spokesman (AFA). LtCol Maurice L. Lien, Ret. illus Airman 15:16-20 Mar '71

AIR FORCE COMMUNICATIONS SERVICE

Air Force Communications Service. illus chart AF Mag 54:112-116 May '71

AFCS Noncom Academy set (at Richards-Gebaur AFB, Mo). AF Times 32:17 Sep 15 '71

Air Force Communications Service completes its first decade. illus Signal 25:5-9 Jul '71

Doing more with less through technology. (Address, Dallas Chapter, AFCEA, Dec 10, 1970) BrigGen Jack B. Robbins. AF Plcy Ltr for Comdrs: Sup No. 4:9-16 Apr '71

Lenoir's (wooden cable-layer) last voyage. 1stLt Robert Gair. illus Airman 15:5-11 Apr '71

Oklahoma ANG begins communications mission. AF Times 31:44 May 19 '71

Pontius Pilot slept here. (Air Force Communications Service radio relay site in the Tyrolean Alps) Capt Robert B. Gair. illus Airman 15:42-47 Aug '71

"Short tours" open for Air Guard communicators. Natl Guardsman 25:14 Jun '71

TAC, AFCS win Air (Force) safety prizes. AF Times 31:4 May 26 '71

USAF communications support for Apollo 14. illus Signal 25:29-32+ Jul '71

AIR FORCE CROSS

AF Cross awarded to deceased Capt (Travis H. Scott, Jr). AF Times 31:37 Feb 1 '71

AF Cross awarded to deceased officer (Capt Leroy C. Schaneberg). AF Times 31:47 Jan 20 '71

AIR FORCE CROSS - Continued

Against all odds. (A1C Joel E. Talley earns the Air Force Cross) A1C Dave Cole. illus Airman 15: 24-29 May '71

'Get out, Jack! You're burning!' (Capt Jack W. Weatherby's reconnaissance mission in Vietnam wins for him the Air Force Cross) Glenn B. Infield. illus AF Mag 54:92-95 Feb '71

Maj (Dean E. DeTar) earns Air Force Cross. AF Times 31:35 Mar 10 '71

Maj (Travis Wofford) awarded AF Cross. AF Times 31:43 Jan 6 '71

AIR FORCE DATA SYSTEMS DESIGN CENTER

AFDSDC (Air Force Data Systems Design Center) moves to Gunter (AFB, Ala). illus AF Compt 5:12-13 Nov '71

Air Force Data Systems Design Center. AF Mag 54: 138+ May '71

AIR FORCE HISTORICAL FOUNDATION

Keeping the chronicles. Airman 15:32 Mar '71

President of the AFHA. illus Aerosp Hist 18:3 Mar '71

AIR FORCE INSTITUTE OF TECHNOLOGYSee also

Minuteman Education Program

AF selects 1,269 for FY 72 AFIT program. Armed Forces J 108:43 Jan 4 '71

AFIT also offers resident training. AF Times 31:24 Mar 24 '71

AFIT awards degrees to 109 in engineering. AF Times 31:3 Jun 30 '71

AFIT awards master's to 54--all engineers. AF Times 31:3 Apr 14 '71

AFIT graduates 40 in engineering class. AF Times 31:3 Jun 23 '71

AFIT list delayed until mid-December. AF Times 32:3 Nov 24 '71

AFIT obligation policy changes. George Foster. AF Times 31:4 Apr 21 '71

AFIT revisions proposed--dual-degree change. AF Times 31:1+ Mar 31 '71

AFIT (School of Systems and Logistics) degrees earned. AF Times 32:21 Sep 1 '71

AFIT sets up new computer. AF Times 31:50 Jun 23 '71

AFIT slots due 1547. AF Times 32:3 Sep 22 '71

Course (at AFIT's Civil Engineering School) shows how to control pollution. AF Times 31:50 Jul 7 '71

Educators to study AFIT (active duty service) commitments. AF Times 31:2 Jan 27 '71

Lateral degrees offered (by Air Force Institute of Technology). AF Times 31:9 Jul 14 '71

Meeting Air Force education requirements. Col Thomas S. Ford. Contact 25:12 Jul-Aug '71

SAC picks 3 for PhD plan. AF Times 31:41 Jul 14 '71

1378 set for AFIT degrees. George Foster. AF Times 31:1+ Aug 18 '71

The year in review: A message from the Commandant. MajGen Ernest A. Pinson. illus Contact 25: 2-3 Jul-Aug '71

AIR FORCE LOGISTICS COMMANDSee also

Air Materiel Areas

AFLC looks to the 1970's. MajGen Victor R. Haugen, Ret. illus Ordnance 55:548-551 May-Jun '71

Air Force Logistics Command. illus chart AF Mag 54:83-86 May '71

A central point for administration of maintenance contracts--Air Force Contract Maintenance Center. Col Richard G. Schulz. illus chart Def Ind Bul 7:21-22+ Summer '71

The civil engineer--intern program at AFLC. John F. Maiorano. illus AF Civil Engr 12:16-17 May '71

Creators of custom comfort. (AF Logistics Command, Physiological Training Division, Wright-Patterson AFB, Ohio) Capt Virgil N. Kovalenko. illus Airman 15:9-10 Sep '71

Gen Jack G. Merrell, life member of A.O.A., heads Air Force Logistics Command. illus Ordnance 55: 475 Mar-Apr '71

Mechanization and the application of computers in distribution. Col Robert E. Carlson. illus Def Trans J 27:34-37 Jan-Feb '71

AIR FORCE SECURITY SERVICE

Air Force Security Service COMMunications SECurity (COMSEC) surveillance services. TIG Brief 23:19 Nov 5 '71

The commander's management information system at Hq USAFSS. LtCol Clyde Ballard. illus AF Compt 5:27-28 Jul '71

USAF Security Service. illus AF Mag 54:117-118 May '71

AIR FORCE SERGEANTS ASSOCIATION

AFSA (Air Force Sergeants Association) convention slated (Washington, Aug 30-Sep 2, 1971). AF Times 32:36 Aug 25 '71

Albrook (AFB, CZ) noncom (SMSgt Lloyd L. Rodriguez) to head (AF) Sergeants Association. AF Times 32:20 Sep 22 '71

Bars for NCOs boosted. Bruce Callander. AF Times 32:13 Sep 29 '71

Bid to ease EM up-or-out denied--Sergeants Association proposal. AF Times 31:5 Apr 21 '71

Home for EM widows granted tax exemption. AF Times 31:8 Jun 23 '71

NCO group takes firm stand. Bruce Callander. AF Times 32:1+ Sep 22 '71

Per diem rules for EM held unjust 'biologically'. AF Times 32:3 Sep 22 '71

Retirement at 20 not likely to go. AF Times 31:8 Jun 30 '71

Sergeants' group balks at full recomp. AF Times 31:15 May 19 '71

6-year recruits lured. George Foster. AF Times 32:1+ Sep 15 '71

AIR FORCE SPECIALTY CODE see Personnel Classification--Air Force--U.S.

AIR FORCE SYSTEMS COMMANDSee also agencies by name, e.g.,

Aeronautical Systems Division

Arnold Engineering Development Center

Electronic Systems Division

AIR FORCE SYSTEMS COMMAND - Continued

AFSC: Foundation for the Air Force. Interview. Gen George S. Brown. illus AF Mag 54:40-45 Apr '71

AFSC's Brown: "And then the system took over." illus Govt Exec 3:32-33 Apr '71

Air Force Systems Command. illus chart AF Mag 54:76-81 May '71

Air Force Systems Command: Rebuilding a lost image Interview. Gen George S. Brown. illus Govt Exec 3:46-47+ Oct '71

Monitoring the contractor's planning and control systems--C/SPCS. LtCol Richard J. Lovette and Burt Roth. illus tabs Log Spectrum 4:27-32 Winter '70

History

AFSC: Foundation for the Air Force. Interview. Gen George S. Brown. illus AF Mag 54:40-45 Apr '71

Management of system acquisition programs in the Air Force. MajGen Lee V. Gossick. illus Def Ind Bul 7:23-29 Summer '71

AIR FORCE TECHNICAL TRAINING CENTERS

The developmental approach (at Technical Training Centers). Joseph Mione and TSgt Bernard J. Nichols. USAF Instrs J 9:48-50 Fall '71

Realism in training. (Weather Technician Course, Chanute AFB, Ill) William L. Shipp. illus USAF Instrs J 8:15-20 Spring '71

Training unique specialists (at Sheppard AFB, Tex). Capt Stanley J. Chrobak. illus USAF Instrs J 8: 51-54 Spring '71

AIR FORCE VILLAGE

AF Village marks first year. Tony McHale. AF Times 32:3 Nov 10 '71

(Air Force) Village cuts age rule--tenants needed. Sue Toma. AF Times 31:3 Jun 23 '71

AIR FORCE WESTERN TEST RANGE

Securing the system for go (Missile Operations Support Unit, Vandenberg AFB, Calif). Capt Gary A. Guimond. illus Airman 15:23-25 Jun '71

AIR FORCES IN EUROPE

Air Guard begins trial run of Operation "Creek Guardlift." Natl Guardsman 25:15 Apr '71

Comptroller activities at major commands: Hqs U.S. Air Forces--Europe. Steve Clanton. illus AF Compt 5:2-5 Nov '71

The USAFE Comptroller Conference (Wiesbaden, W. Germany, Aug 24-26, 1971)--it produced a few 'firsts.' illus AF Compt 5:6-7+ Nov '71

U.S. Air Forces in Europe. illus charts AF Mag 54: 60-64 May '71

AIR FORCES SOUTHERN COMMAND

Southern Command aids flood victims. AF Times 31:46 Jan 13 '71

Southern Command: Latin America its 'beat.' Jim Sample. AF Times 31:10 Jul 7 '71

U.S. Air Forces Southern Command. illus AF Mag 54:110-111 May '71

AIR FREIGHT see Air CargoAIR LAW

The laws of air warfare: Are there any? Col Hamilton DeSaussure, Ret. illus AF JAG L Rev 12:242-251 Fall '70; Lecture, Naval War College. Nav War Col Rev 23:35-47 Feb '71

AIR MAIL SERVICE see Postal ServiceAIR MATERIEL AREAS

AFLC looks to the 1970's. MajGen Victor R. Haugen, Ret. illus Ordnance 55:548-551 May-Jun '71

AIR MOBILITYSee also

Air Cavalry
1st Cavalry Division (Airmobile)
Close Air Support

The air cavalry troop: Will it be effective? Capt David W. Owen. illus Infantry 61:42-45 May-Jun '71

Airmobile forces in Europe. Gen H. Maeder, Ret. illus Intl Def Rev 3:160-161 Jun '70

Army helicopters in Europe. Armed Forces J 108:22 Aug '71

Bare Base--a new concept in air mobility. Capt Alson F. Sherwin. illus Review 51:25-26+ Sep-Oct '71

Containerization and the Department of Defense. Vincent F. Caputo. illus Def Trans J 27:34-37 May-Jun '71

Human factors in airmobility, 1970-1980. Wallace W. Prophet. illus USA Avn Dig 17:8-11 Jan '71

Intermodal transportation: Key to strategic mobility. Philip N. Whittaker. illus Def Trans J 27:22-26 Mar-Apr '71

Limited asset airmobile operations. Maj Frank W. Gillespie, Jr. illus Infantry 61:12-15 May-Jun '71

(Operation) 'Heavy Bare' (base concept) tests mobility. Col Donald C. Carlson. illus Tac Alft 1:6-8 Apr '71

S. L. A. Marshall speaks out. Interview. BrigGen Samuel L. A. Marshall. illus Infantry 61:46-51 May-Jun '71

Soviet airmobility. LtCol Joe B. Myers. illus USA Avn Dig 17:1-5 Sep '71

Strategic airlift. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) Gen Jack J. Catton. illus Mil Engr 63:313-314 Sep-Oct '71

TRICAP--a new logistics challenge. Ivan H. Oleson. illus chart Army Log 3:4-7+ Sep-Oct '71

TRICAP (TRiple CAPability). LtGen John Norton. illus map chart Army 21:14-19 Jun '71

TRICAP (TRiple CAPability)--a new concept. Charles W. Corddry. illus Natl Guardsman 25:2-10 Apr '71

AIR MOBILITY RESEARCH AND DEVELOPMENT LABORATORIES

AMC reorganizes low-speed aviation R&D. Armed Forces J 108:16-17 Feb 1 '71

AIR NATIONAL GUARD see National Guard--Air ForceAIR NAVIGATION see Navigation, AirAIR POLICE see Military PoliceAIR POLLUTION see Pollution

AIR POWER see Aerospace Power

AIR RACES see Airplanes--Races

AIR RESERVE PERSONNEL CENTER

Air Reserve Personnel Center. illus AF Mag 54:130-132 May '71

Blue suit samaritans (Air Reservist Personnel Center). illus Air Reservist 23:4-5 Nov '71

AIR ROUTES see Airways

AIR-SEA RESCUE see Search and Rescue

AIR SHOWS see Aviation--Exhibitions

AIR STAFF

(Photocharts showing structure of the Office of the Secy of the AF, the USAF Command and Staff, the Deputy Chiefs of Staff, the major commands and the separate operating agencies as of April 15, 1971) AF Mag 54:51-53 May '71

AIR STRATEGY see Strategy, Air

AIR SURVEILLANCE see Surveillance

AIR TACTICS see Tactics, Air

AIR TAXI SERVICE see Airlines, Local Service

AIR TRAFFIC CONTROL

See also

Ground-Controlled Approach

AIMS (Air traffic control radar beacon, Identification, friend or foe, Mark XII Systems). illus Interceptor 13:22-24 Apr '71

AN/TPN-18: Ground controlled approach radar. illus Signal 26:26-27 Dec '71

ATC planning in the USA. Douglas Cornell. Interavia 26:135 Feb '71

The air controller--his lot made easier by ARTS (Automated Radar Terminal System)-III. Scot MacDonald. illus Govt Exec 3:48+ Jun '71

Air Force Communications Service completes its first decade. illus Signal 25:5-9 Jul '71

Air traffic control--crisis in the United States. J. Philip Geddes. tab Interavia 26:1182-1183 Oct '71

Airfield surface detection equipment. illus Interavia 26:170 Feb '71

Authority of the pilot. illus Approach 16:6-8 Jun '71

Automatic air traffic control displays. T. H. Harrison. illus map Interavia 26:934-936 Aug '71

Automation in air traffic control. illus Def Trans J 27:38-41 Jul-Aug '71

Avionics--military and civil. MajGen George E. Pickett. illus Signal 25:13-15 Jan '71

The Dioscures project from the economic viewpoint. illus map tab Interavia 26:140-141 Feb '71

The Eighth Convention of the UK Guild of Air Traffic Control Officers (Bournemouth, Eng, Oct 1970). T. M. B. Wright. illus Interavia 26:136-137 Feb '71

Eurocontrol after ten years. René Bullin. chart tab Interavia 26:132-134 Feb '71

The Gordian knot. illus Interavia 26:933 Aug '71

Implementing the FAA 10 year plan. illus Interavia 26:937-938 Aug '71

AIR TRAFFIC CONTROL - Continued

OTP (Office of Telecommunications Policy) announces policy on overseas air traffic control. Signal 25:63 Mar '71

Pilots--meet AIMS. Maj L. S. Franscini. illus Aerosp Safety 27:14-16 Feb '71

Relay of non-ATC information by USAF control towers. TIG Brief 23:3-4 Nov 19 '71

Schiphol Airport air traffic control for the seventies. illus map Interavia 26:138-139 Feb '71

Schiphol Airport air traffic control meets requirements for the seventies. illus NATO's Fifteen Nations 16:98-99 Aug-Sep '71

Sharing the airways. illus Approach 17:2-6 Dec '71

TCA--a new concept in traffic control. illus tab map Approach 16:15-17 Mar '71

UK military and civil air traffic control in harmony. D. L. Stevenson. illus Interavia 26:1072-1075 Sep '71

(Unique system to prevent mid-air collisions--SECANT (SEparation Control of Aircraft by Nonsynchronous Techniques) Signal 26:55 Dec '71

Upgrading of ATC enroute centers at halfway mark--completion date now 1974. Charles D. LaFond. illus Govt Exec 3:60-61 Jun '71

Viets strive to take over Monkey Mountain in '72. AF Times 31:17 Jun 2 '71

Equipment

The DAIR (Direct Altitude and Identification Readout) system. Bruce Harrison. illus Approach 17:22-23 Nov '71

European radar and flight data processing systems. illus Interavia 26:1184-1186 Oct '71

New equipment for terminal area control. P. Abraham. illus Interavia 26:151-152 Feb '71

Study and Teaching

ATC training goes computerized (at Fort Rucker, Ala). CW2 Mike Sheley. illus USA Avn Dig 17:31-35 Dec '71

AIR TRAFFIC CONTROLLERS

Affect adjective checklist assessment of mood variations in air traffic controllers. R. C. Smith and others. tabs Aerosp Med 42:1060-1064 Oct '71

Automation in air traffic control. illus Def Trans J 27:38-41 Jul-Aug '71

Controllers: Take charge! illus tabs Approach 16:10-13 May '71

The DAIR (Direct Altitude and Identification Readout) system. Bruce Harrison. illus Approach 17:22-23 Nov '71

Excretion patterns of air traffic controllers. H. B. Hale and others. illus tabs Aerosp Med 42:127-138 Feb '71

Hearing but not listening? illus Aerosp Safety 27:8-9 Jan '71

Medical examination for FAA certification. TIG Brief 23:25 Mar 12 '71

Relay of non-ATC information by USAF control towers. TIG Brief 23:3-4 Nov 19 '71

Will the true pro please "shaddup!" Capt Joe L. Tilghman. illus USA Avn Dig 17:2-5 Apr '71

AIR TRAINING COMMAND

- ATC acts to end racial tensions. AF Times 32:1+ Sep 15 '71
- Air Training Command. illus chart AF Mag 54:96-99 May '71
- The developmental approach (at Technical Training Centers). Joseph Mione and TSgt Bernard J. Nichols. USAF Instrs J 9:48-50 Fall '71
- Instructor recognition. (ATC selects year's outstanding pilot, navigator instructors: Capt Harvey B. Cox III, Maj Donald G. Plummer) illus USAF Instrs J 9:2 Fall '71
- Off we go into the wild blue (Air Training Command's Undergraduate Pilot Training program). LtCol Pat Murphy. illus Air Reservist 23:4-5 Aug-Sep '71
- Planners look beyond cost in irritant war. Bruce Callander. AF Times 31:1+ Jan 27 '71
- Processing orders for Air Training Command students. TIG Brief 23:11 Feb 12 '71
- Sharing the harvest (of Air Force training). Capt Gary A. Guimond. illus Airman 15:12-16 Nov '71

AIR TRANSPORT ASSOCIATION OF AMERICA

- ATA roundtable discussion on automatic flight and landing. illus Interavia 26:1300-1302 Nov '71
- Airlines aim flak at cargo flights. Bruce Callander. AF Times 32:13 Dec 8 '71
- DOD passenger + scheduled air = big business. Col Joe O. Bellino. illus Translog 2:2-5 Sep '71

AIR UNIVERSITYSee also

- Academic Instructor and Allied Officer School
- Air Force Institute of Technology
- Air University Library
- Air War College
- Squadron Officer School
- AU: 3 schools, 3 functions--grooming AF's best officers. George Foster. AF Times 31:22 Jun 23 '71
- The Air University. illus chart AF Mag 54:92-95 May '71
- Air University--25th anniversary. illus USAF Instrs J 9:36-37 Summer '71
- SEA airpower's effectiveness weighed (by Air University under the code name Corona Harvest). AF Times 31:21 Jun 9 '71

Curricula

- AU Institute (for Professional Development) graduates 17 in management. AF Times 32:15 Dec 22 '71

AIR UNIVERSITY LIBRARY

- AU map collection shows entire earth. AF Times 31:33 Mar 3 '71

AIR WAR COLLEGE

- Air War College. illus Air Reservist 23:12-13 Apr '71
- Air War College associate programs. TIG Brief 23:13 Nov 5 '71
- Associate plan offered by AWC. AF Times 31:6 Jun 30 '71
- Hero (the late Col William A. Jones III) honored in dedication (of Air War College auditorium, Maxwell AFB, Ala). AF Times 31:38 Jun 23 '71

AIR WAR COLLEGE - Continued

- (LtGen Earl C.) Hedlund receives job with CENTO (and other star shifts announced, including changes at Air War College). AF Times 31:3 Jun 30 '71
- Professional education (in AWC's correspondence and seminar programs). Patricia R. Muncy. AF Mag 54:69 Mar '71

AIR WARFARE

- The Battle of Britain and the principles of war. Alan L. Gropman. illus Aerosp Hist 18:138-144 Sep '71
- Double attack revisited. Maj Vincent P. Roy. illus USAF Ftr Wpns Rev No. 1:26-32 Spring '71
- Double attack revisited one more time. Maj Garry Skaret. illus USAF Ftr Wpns Rev No. 2:14-16 Summer '71
- The impact of allied air interdiction on German strategy for Normandy. Robert E. Schmaltz. illus Aerosp Hist 17:153-155 Dec '70
- Pilotage and combat manoeuvre. MajGen A. Karikh. illus Soviet Mil Rev No. 5:22-25 May '71
- The uncertainty of predicting results of an interdiction campaign. Robert E. Schmaltz. illus map Aerosp Hist 17:150-153 Dec '70

Laws and Regulations

- The laws of air warfare: Are there any? Col Hamilton DeSaussure, Ret. illus AF JAG L Rev 12:242-251 Fall '70; Lecture, Naval War College. Nav War Col Rev 23:35-47 Feb '71

Study and Teaching

- Air regiment's method council. LtCol P. Isayev. Soviet Mil Rev No. 3:21-22 Mar '71

AIR WEATHER SERVICE

- Meteorological support for air pollution control activities. Valentine J. Descamps. illus AF Civil Engr 12:20-22 Aug '71
- Meteorological support to air pollution activities. TIG Brief 23:16-17 Sep 10 '71
- Sow a seed of science. (Cloud seeding by Air Weather Service) Capt John E. Cranfill and Sgt Dave Cole. illus Airman 15:2-6 Nov '71
- WC-130 specially outfitted for study of hurricanes (Project Seek Storm). AF Times 31:55 Feb 3 '71
- Which hand is in the glove. Interview. BrigGen William H. Best, Jr. illus Airman 15:10-13 Dec '71

AIRBORNE EARLY WARNING

- AEW aircraft in the Sixth Fleet. Armed Forces J 108:19 May 17 '71

AIRBORNE FORCESSee also

- Paratroops
- Airborne: Life cycle of a military subculture. Roger A. Beaumont. illus Mil Rev 51:52-61 Jun '71
- Fighting air landing parties. Col I. Vorobyov. illus Soviet Mil Rev No. 10:10-12 Oct '71

AIRBORNE OPERATIONS

- See also subdivision under specific wars, e.g., Vietnamese Conflict, 1957- --Airborne Operations World War II--Airborne Operations
- Airmobile forces in Europe. Gen H. Maeder, Ret. illus Intl Def Rev 3:160-161 Jun '70

AIRBORNE OPERATIONS - Continued

Exercise "Follicle"--joint training of airborne forces from Britain and Italy. WgComdr D. L. Eley. illus Royal Air Forces Qtr 11:1-6 Spring '71

Tactical airpower demonstrated in (Exercise) Exotic Dancer. illus Tac Alft 1:27 Jul '71

History

Airborne: Life cycle of a military subculture. Roger A. Beaumont. illus Mil Rev 51:52-61 Jun '71

AIRBORNE WARNING AND CONTROL SYSTEMS

AWACS: Where it stands today. Signal 25:16 Jul '71

It's called AWACS--an "eye in the sky." MSGt John W. Hart. illus Airman 15:15-17 Jun '71

(New radar equipment for AWACS) Signal 25:98+ Jan '71

(A radar antenna for the AWACS aircraft) illus Signal 25:107 Aug '71

Updating the (Air) Force. Ed Blair. illus Airman 15:7-11 Mar '71

AIRBUS see Airplanes, Transport (Jet)

AIRCRAFT see specific kinds of aircraft, e. g.,

Airplanes	Helicopters, Military
Airplanes, Military	Missiles
Helicopters	Rockets

AIRCRAFT, EXPERIMENTALSee also

Air Cushion Vehicles

Germany (Federal Republic)

Flight testing starts on the VAK 191B. Rolf Riccius tab illus (Also cutaway) Interavia 26:1037-1039 Sep '71

The VFW 614 flight test programme. illus Interavia 26:1040-1041 Sep '71

Great Britain

Hawker Siddley Dynamic's aerial survey sensor on Wallis gyro. illus NATO's Fifteen Nations 16:92 Feb-Mar '71

Lockspeiser LDA-01. illus Air Pict 33:373 Oct '71

History

Fairey P. 4/34. Elfan ap Rees. illus tab Air Pict 33:251 Jul '71

The G. 4/31 contenders (tested at Aeroplane and Armament Experimental Establishment, Martlesham Heath. in the 1920's and 1930's). T. Mason. illus tab Air Pict 33:376-379 Oct '71

Short R. 24/31. Elfan ap Rees. illus tab Air Pict 33:176 May '71

United States

A-X award irks Cessna; Senate nips at TFX again. AF Times 31:17 Jan 6 '71

The accent is on flying--status report on the F-15, B-1, A-X. Edgar Ulsamer. illus AF Mag 54:26-35 Jun '71

Aerial armored reconnaissance vehicle. George R. Stack. illus Armor 80:18-21 May-Jun '71

Air Force program managers: Why all the praise? Interviews. Gen George Brown, MajGen Douglas T. Nelson, BrigGens Benjamin N. Bellis and Warner E. Newby and others. illus Govt Exec 3:34-35 Jun '71

AIRCRAFT, EXPERIMENTAL - ContinuedUnited States - Cont'd

Burn dope ("Report on Close Air Support Aircraft: The A-X, Harrier, and Cheyenne") and a stacked deck on close air support. Benjamin F. Schemmer. Armed Forces J 109:39-40 Oct '71

Close air support for the U.S. Armed Forces. illus Intl Def Rev 4:433 Oct '71

Each U.S. Service has its own views on close air support. illus Interavia 26:1034 Sep '71

Fairchild-Hiller, Northrop to build A-X prototypes. illus Armed Forces J 108:17 Jan 4 '71

Future tank destroyers. LtCol John H. Phillips and Maj Howard J. Stiles. illus Armor 80:25-29 May-Jun '71

A gallery of USAF weapons: The utility and experimental aircraft. illus AF Mag 54:163+ May '71

Northrop's (P-530) Cobra faster than MIG. AF Times 32:21 Dec 8 '71

Packard personally heads new group to resolve inter-Service close support. Benjamin F. Schemmer. Armed Forces J 108:19 Mar 15 '71

Up from the ground or down from the sky? Cheyenne vs AX. Eric C. Ludvigsen. illus Army 21:49-51 Jul '71

Weapon systems for the future. (Remarks, 7th Propulsion Joint Specialist Conference, American Institute of Aeronautics and Astronautics, Salt Lake City, Utah, June 16, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 9:13-19 Sep '71

History

Sea-ski fighter--the story of the Convair Sea-Dart. Walt Boyne. illus Air Pict 33:408-410 Nov '71

AIRCRAFT, REMOTELY PILOTEDSee also

Drones

AF to let RPV contracts by September. Armed Forces J 108:21 Jul 19 '71

RPVs progress. illus Armed Forces J 108:23-24 Jul 5 '71

Remotely piloted aircraft. Edgar E. Ulsamer. (Reprinted from Air Force and Space Digest, Oct 1970) Aerosp Intl 7:32-34 Jan-Feb '71

Remotely piloted aircraft: Not drones--a pilot flies them, low cost, higher performance against heavily defended targets. George Weiss. illus Armed Forces J 108:22-24+ May 17 '71

Remotely piloted combat vehicles. Intl Def Rev 4:179 Apr '71

AIRCRAFT CARRIERS

Air capable ships and through deck cruisers: Sea-air power on the cheap. Brooke Nihart. illus Armed Forces J 108:30-33 Apr 19 '71

Beyond the tension signal. illus Approach 17:18-22 Aug '71

CNO pushes sea control ships. Armed Forces J 108:17-18 Jun 21 '71

CVAN-70 funding, 15-carrier force level in FY 72 Navy budget. illus Armed Forces J 108:16+ Jan 18 '71

Carrier air wing--U.S. Sixth Fleet. illus tab Intl Def Rev 3:400-403 Dec '70

AIRCRAFT CARRIERS - Continued

- The carrier controversy in Britain. illus tab Intl Def Rev 3:208-210 Jun '70
- The case for the carrier. CAPT Wynn V. Whidden. illus tab US Nav Inst Proc 97:24-33 Jul '71
- Fire on the flight deck. A personal account of the fire that took the lives of 134 crewmen aboard the United States aircraft carrier Forrestal in July 1967. CDR M. D. Beach. illus Hawk No. 31: 29-31 Feb '70
- H. M. S. "Ark Royal"--back in business. Brian M. Service. illus Air Pict 32:237-240 Jul '70
- Modernization of the Midway. CAPT James E. Kaune. illus tab US Nav Inst Proc 97:27-33 Feb '71
- Predicting the quality of pilot landing performance during night carrier recovery. C. A. Brictson and others. tabs Aerosp Med 42:16-19 Jan '71
- USS "Wasp" visits Plymouth. Keith A. Saunders. illus Air Pict 32:412 Nov '70

Safety Measures

- Dum de dumb dumb. illus Approach 16:18-19 Mar '71

Testing

- Sea control ship to be tested on USS Guam. L. Edgar Prina. illus Sea Power 14:31-32 Dec '71

AIRCRAFT CARRIERS, NUCLEAR POWERED

- CVAN-70 funding, 15-carrier force level in FY 72 Navy budget. illus Armed Forces J 108:16+ Jan 18 '71
- The case for the carrier. CAPT Wynn V. Whidden. illus tab US Nav Inst Proc 97:24-33 Jul '71
- Reappraisal of the fleet: Carriers + air capable. George W. Chapman. illus Navy 14:7-8+ Jun '71
- Senate blocks 'backdoor financing' of CVAN-70. Armed Forces J 108:14-15 May 3 '71

AIRCRAFT CONTROL AND WARNING

- Viets strive to take over Monkey Mountain in '72. AF Times 31:17 Jun 2 '71

AIRCRAFT CONTROLLERS see Air Traffic ControllersAIRCRAFT INDUSTRY AND TRADESee also

Helicopter Industry and Trade
Missile Industry and Trade

- The aircraft shown in Paris (Air Show, 1971). Table only. Interavia 26:799-800 Jul '71
- Le Bourget (29th Paris Air Show) 1971--the world's most expensive fair. illus Interavia 26:787-795 Jul '71
- General aviation at Le Bourget. illus Interavia 26: 917-920 Aug '71
- High spies--the story of the U-2 and other high-flying reconnaissance aircraft. Victor Flinham. illus Air Pict pt 1, 33:214-216 Jun '71; pt 2, 33:258-260 Jul '71
- Japanese seeking foreign markets, foreigners seeking Japanese markets--postscript to the Nagoya Air Show (Nov 1971). Max Nibloe and John F. Brindley. illus Interavia 26:1363-1366 Dec '71
- Vigorous growth, but fading profits--a quarter century of aviation development. tabs illus Interavia 26:327-334+ Apr '71

AIRCRAFT INDUSTRY AND TRADE - ContinuedInternational Aspects

- Alpha Jet development phase beginning. illus (Also cutaways) Interavia 26:957-958 Aug '71
- André Turcat on Concorde testing. illus Interavia 26: 153-154 Feb '71
- Anglo-Italian collaboration on trainer aircraft? Intl Def Rev 4:113 Apr '71
- BAC's commercial aircraft prospects. illus tab Air Pict 33:380-383 Oct '71
- British & French major civil (and military) aircraft programmes (excluding helicopters). Tables only. Air Pict 33:413 Nov '71
- Changing patterns of influence (in the aircraft industry)? Interavia 26:771 Jul '71
- Concorde--flight-test results and a fresh look at the "Great Bird." illus Air Pict 33:130-132 Apr '71
- Concorde progress brought up to date. illus tab Interavia 26:1012-1013 Sep '71
- Concorde: Work for 50,000 people. (Interview with Henri Ziegler) illus tab Interavia 26:523-524 May '71
- Enter the Puma--first Anglo-French collaborative aircraft for the RAF. J. D. R. Rawlings. illus Air Pict 33:206-207 Jun '71
- Expanding Concorde's test envelope. D. H. Chopping. illus tabs Interavia 26:1323-1324 Nov '71
- A European aerospace market? Interavia 26:19 Jan '71
- Flight testing starts on the VAK 191B. Rolf Riccius. tab illus (Also cutaway) Interavia 26:1037-1039 Sep '71
- Formation of Airbus Industrie. Interavia 26:111 Feb '71
- Franco-German trainer/light strike aircraft projects. Terence E. Ford. illus tab Air Pict 32:319 Sep '70
- General aviation at Le Bourget. illus Interavia 26: 917-920 Aug '71
- In 18 months: First flight of the European Airbus. map tabs illus (Also cutaways) Interavia 26:371-376 Apr '71
- Israel's Air Force--in a class by itself. William Leavitt. illus AF Mag 54:36-42 Jun '71
- Jaguar and MRCA--a new look at the key RAF combat aircraft of the 'seventies. John W. R. Taylor. illus Royal Air Forces Qtr 10:254-261 Winter '70
- The Jaguar and the MRCA. J. P. Graham. Royal Air Forces Qtr 11:15-17 Spring '71
- Jaguar operational soon. R. Salvy. illus tabs Interavia 26:1406-1409 Dec '71
- Lockheed and Rolls-Royce's problems continue. illus Interavia 26:361-363 Apr '71
- Lockspeiser LDA-01. illus Air Pict 33:373 Oct '71
- The Lynx helicopter. illus Armed Forces J 108:22-23 Aug '71
- Lynx--the third Anglo-French helicopter. illus Interavia 26:171 Feb '71
- MRCA--development goes ahead. illus tab Intl Def Rev 4:84-86 Feb '71
- MRCA--the bids roll in. Interavia 26:711 Jun '71

AIRCRAFT INDUSTRY AND TRADE - ContinuedInternational Aspects - Cont'd

- Multi Role Combat Aircraft (MRCA). John Marriott. illus Armed Forces J 109:25-26 Oct '71
- Panavia 200: Development has commenced. chart tab Interavia 26:148-150 Feb '71
- Peking pushes for an expanded international air transport system. Ronald Golden. illus Aerosp Intl 7: 18-19+ May-Jun '71
- The Soviet challenge. Interavia 26:657 Jun '71
- Sportavia-Pützer light aircraft. illus tab Interavia 26:1225 Nov '71
- Studies of Concorde's characteristics: Action against aircraft noise. illus Interavia 26:1378-1379 Dec '71
- The ten years of the Starfighter--backbone of Europe's mach two air strength. B. van der Klaauw. illus NATO's Fifteen Nations 16:76-83 Feb-Mar '71
- The thinking behind the MRCA. illus Air Pict 33:315 Sep '71
- Towards a European aircraft industry. Interavia 26: 1219 Nov '71
- The U.K. aerospace industry--action needed. Air Pict 33:412+ Nov '71
- The up-and-coming Alpha-Jet. Stefan Geisenheyner. illus Aerosp Intl 7:37-38+ May-Jun '71
- VFW 614 nears first flight. illus Interavia 26:691 Jun '71
- Where is Boeing going? illus Interavia 26:1312-1313 Nov '71
- Will Jaguar fulfil its export promise? Timothy Stephens. illus NATO's Fifteen Nations 16:57-61 Aug-Sep '71

Brazil

- The Brazilian aircraft industry. Ronaldo S. Olive. illus tab Interavia 26:819-821 Jul '71

Canada

- Canada going for intercity STOL. D.H. Chopping. illus (Also cutaway) tab Interavia 26:688-690 Jun '71

Statistics

- Canada going for intercity STOL. D.H. Chopping. illus (Also cutaway) tab Interavia 26:688-690 Jun '71

China (People's Republic)

- Peking pushes for an expanded international air transport system. Ronald Golden. illus Aerosp Intl 7: 18-19+ May-Jun '71

Europe

- A European aerospace market? Interavia 26:19 Jan '71

Europe, Western

- The aerospace industry in Europe--a survey of national activity. illus tab Interavia 26:548-553 May '71
- Concorde: Work for 50,000 people. (Interview with Henri Ziegler) illus tab Interavia 26:523-524 May '71
- Formation of Airbus Industrie. Interavia 26:111 Feb '71
- Towards a European aircraft industry. Interavia 26: 1219 Nov '71

AIRCRAFT INDUSTRY AND TRADE - ContinuedFrance

- Avions Pierre Robin at full throttle. illus Interavia 26:244-245 Mar '71
- British & French major civil (and military) aircraft programmes (excluding helicopters). Tables only. Air Pict 33:413 Nov '71
- The Dassault Mirage family. M.J. Hardy. illus Air Pict 32:260-265 Aug '70
- France's aircraft industry. M.J. Hardy. illus Air Pict 33:192-198 Jun '71
- The French aerospace equipment industry. P.J. Souriau. tab Interavia 26:579-580 May '71
- The French aerospace industry. illus tabs Interavia 26:513-521 May '71
- The French aerospace industry and the state's 6th plan. J.N. Adenot. illus chart Interavia 26:526-528 May '71
- French aerospace industry vitality revealed at the 29th Paris Air Show. J. Noetinger. illus NATO's Fifteen Nations 16:26-29+ Jun-Jul '71
- Mercure readied for first flight. illus Interavia 26: 252-253 Mar '71
- Project leadership depends on merit. (Interview with B. C. Vallières) illus tab Interavia 26:522-523 May '71
- Record French arms exports in 1970. Intl Def Rev 4:113-114 Apr '71
- Sud Caravelle--first of the rear-engined airliners. M.J. Hardy. illus tabs Air Pict 33:152-158 May '71

GermanyHistory

- Hannover aircraft 1915-1919. Peter M. Grosz. illus (Also cutaway) Air Pict pt 1, 33:252-256 Jul '71: pt 2, 33:290-292+ Aug '71

Germany (Federal Republic)

- VFW--profile of a German firm. Terence E. Ford. illus Air Pict 32:386-390 Nov '70

Great Britain

- The aircraft production outlook at BAC and HSA. Interavia 26:250 Mar '71
- Britain's aircraft industry enters the 1970s. illus Air Pict 32:302-308 Sep '70
- The British aircraft industry at Paris 1971. Gordon Swanborough. illus NATO's Fifteen Nations 16: 36-44 Jun-Jul '71
- British & French major civil (and military) aircraft programmes (excluding helicopters). Tables only. Air Pict 33:413 Nov '71
- From a good stable. WgComdr A. G. T. James, Ret. illus Royal Air Forces Qtr 11:19-23 Spring '71
- Pegasus jets for Marine Harriers assured despite Rolls-Royce troubles. Armed Forces J 108:16 Feb 15 '71
- The Short Skyvan. M.J. Hardy. illus tabs Air Pict 32:224-228 Jul '70
- The U.K. aerospace industry--action needed. Air Pict 33:412+ Nov '71
- Up to date with the B(ritten)-N(orman) Islander. Ian H. Hunter. illus Air Pict 33:208-212 Jun '71

AIRCRAFT INDUSTRY AND TRADE - Continued

Great Britain- Cont'dHistory

Brush-built aircraft, 1915-1919. Bruce Robertson. illus tab Air Pict 32:396-398 Nov '70

Israel

Civil aviation in Israel. Arnold Sherman and Paul Giniewski. illus NATO's Fifteen Nations 16:74-77 Jun-Jul '71

Israel Aircraft Industries. Brian J. G. Davidson. illus Interavia 26:836-837 Jul '71

Israel's aero industry: Vigorous and sophisticated. William Leavitt. illus Aerosp Intl 7:46-49 Mar-Apr '71

Italy

Italy weighs aerospace industry future. Interavia 26:1405 Dec '71

History

Rebirth of an Italian legend (Ansaldo S. V. A. 9 airplane). illus map tab Am Avn Hist Soc J 16:231-241 Winter '71

Japan

The Japanese aircraft industry. James Hay Stevens. illus (Also cutaway) Air Pict 33:360-366 Oct '71

The Japanese aircraft industry today. Masato Yamano. illus tabs Interavia 26:1151-1153 Oct '71

Latin America

The Latin American arms market. Intl Def Rev 3:123 Jun '70

Mexico

New technology for Mexico. illus Interavia 26:947-948 Aug '71

Russia

The Soviet challenge. Interavia 26:657 Jun '71

Sweden

In defense of Sweden. illus tab map Intl Def Rev pt 1, 3:395-399 Dec '70; pt 2, The Swedish defense industry. 4:41-45 Feb '71

United States

A-X award irks Cessna; Senate nips at TFX again. AF Times 31:17 Jan 6 '71

Aerospace industry tells woes. Bruce Callander. AF Times 31:13 Jul 28 '71

Army okays UTTAS (Utility Tactical Transport Aircraft System) as Huey replacement--Marines interested as CH-46 production ends. Armed Forces J 108:15-16 Feb 15 '71

Aviation industry slowly recovering. LtGen Ira C. Eaker, Ret. AF Times 32:13 Oct 13 '71

The coming air-superiority fighter. Edgar Ulsamer. illus Aerosp Intl 7:42-44 Mar-Apr '71

Computer--airborne model on time. Govt Exec 3:104 Mar '71

European Sabreliner sales effort. illus Interavia 26:155 Feb '71

Evolution of a transport--the growth of the DC-10. J. Philip Geddes. illus tabs Interavia 26:389-393 Apr '71

AIRCRAFT INDUSTRY AND TRADE - Continued

United States - Cont'd

From a good stable. WgComdr A. G. I. James, Ret. illus Royal Air Forces Qtr 11:19-23 Spring '71

Grumman faces F-14 cost overrun. illus Interavia 26:500 May '71

High spies--the story of the U-2 and other high-flying reconnaissance aircraft. Victor Flinham. illus Air Pict pt 1, 33:214-216 Jun '71; pt 2, 33:258-260 Jul '71

Lockheed wide-body jet market analysis. illus Interavia 26:894-896 Aug '71

More than just an aircraft: The Cessna Citation. illus Interavia 26:1060-1061 Sep '71

Organizing for support of the product (at Grumman). Edward Dalva. illus charts Log Spectrum 5:2-8 Winter '71

Outlook for the 747 programme. Interavia 26:114 Feb '71

Selling jet engines--who says they're better? (Interview with General Electric's Gerhard Neumann) illus Govt Exec 3:14-15 Jan '71

Where is Boeing going? illus Interavia 26:1312-1313 Nov '71

History

Cunningham-Hall Aircraft Corp story. Randolph F. Hall. illus Am Avn Hist Soc J 16:90-97 Summer '71

Statistics

A report on the U.S. aerospace industry. J. Philip Geddes. illus tabs Interavia 26:679-683 Jun '71

AIRCRAFT MAINTENANCE

See also

Missile Maintenance

also subdivision Maintenance and Repair under specific subjects

Accidents are stupid. Col Kenneth D. Mertel. illus USA Avn Dig 17:2-5 Feb '71

Aircraft availability: The numbers game. Capt Richard B. Carey. illus USA Avn Dig 17:24-26 Aug '71

Airplanes or bicycles. (Reprinted from Aerospace Safety, May 1970) illus Interceptor 13:16-17 Feb '71

Alitalia: Aspects of aircraft maintenance. illus tab Interavia 26:1044-1046 Sep '71

Aren't you glad you use SOAP (Spectrometric Oil Analysis Program). Aerosp Safety 27:31 Oct '71

But who takes care of the water boy? (Mission support flying) Maj Richard L. Wing. illus MAC Flyer 18:4-8 Jun '71

A central point for administration of maintenance contracts--Air Force Contract Maintenance Center. Col Richard G. Schulz. illus chart Def Ind Bul 7:21-22+ Summer '71

Computers get trial run to update maintenance. Paul Collins. AF Times 32:62 Dec 8 '71

Copter repair afloat/ashore. SP4 Tom Bailey. illus Army Dig 26:20-22 May '71

Crew chief--a special soldier. CW2 Vance H. La-bounty. illus USA Avn Dig 17:35 May '71

AIRCRAFT MAINTENANCE - Continued

(Current airline maintenance philosophy) (Address, Long Island, NY Chapter, Society of Logistics Engineers. March 25, 1971) Dick Williams. Log Spectrum 5:36-39+ '71

Do you have a maintenance flight safety program? TIG Brief 23:2 Aug 6 '71

Don't bend the elbow. illus Approach 17:42-43 Jul '71

Don't spring the trap. illus Aerosp Safety 27:8-9 Feb '71

Double jeopardy. illus Approach 16:10-13 Apr '71

Easy-to-follow mechanic manuals tested. AF Times 32:21 Sep 22 '71

Fuel servicing controls. Maj Dwight Brown, Jr. illus Aerosp Safety 27:26-27 May '71

Honeywell modular automatic test equipment. Robert B. Gustafson. illus Interavia 26:1069-1071 Sep '71

How to handle teflon hose. H. M. Cooke. illus Aerosp Safety 27:26-27 Oct '71

In the beginning. (Exchange of aircraft maintenance and material information) Jack Chilton. illus Approach 17:6-8 Nov '71

Maintenance management--a key to reduction in aircraft accidents. illus Approach 16:26-30 Apr '71

Maintenance matters. Regular feature in some issues of United States Army Aviation Digest

Maintenance Mayday or maintenance integrity? Sgt1C Reginald A. Mullinax. illus tab USA Avn Dig 17:52-56 May '71

The primary cause--you? Aerosp Safety 27:31 Dec '71

Project Cleansweep. Sgt John C. Lyon. illus Combat Crew 22:18-20 Jan '71

Repair or throwaway--graphic screening techniques help supply the answer. James K. Segar. illus Log Spectrum 5:18-25 Fall '71

A repair part--or a funeral. Lt Walter H. Zimmers and CW3 Jonathan J. Hasbrouck. USA Avn Dig 17:28-30 Dec '71

Segmented maintenance. Paul F. Davis. Log Spectrum 4:25-26 Winter '70

The simple task of torquing aircraft hardware. Aerosp Safety 27:9 Dec '71

The sky is falling. (Dropped object) illus tab MAC Flyer 18:12-15 Nov '71

Suddenly it's winter--helicopter in the cold. Aerosp Safety 27:12-13 Dec '71

Tech topics--briefs for maintenance techs. Regular feature in issues of Aerospace Safety

They all come clean (at PACAF corrosion control facility, Kadena, Okinawa). Ed Blair. illus Airman 15:36-39 Jun '71

They rise and fly again. (The RAM (Rapid Area Maintenance) teams in action) Capt Larry M. Schoenhals. illus Aerosp Safety 27:10-12 Oct '71

To trim or not to trim--that is the question. Oliver C. Carlisle. illus Combat Crew 22:12-14 Sep '71

Unwanted tools. Capt Larry J. Marty. illus USA Avn Dig 17:4-5 Aug '71

AIRCRAFT MAINTENANCE - Continued

What we can do about maintenance-caused mishaps. Sgt1C Richard L. Husbands. illus USA Avn Dig 17:58-59 Jul '71

What you can do for aviation accident prevention. illus USA Avn Dig 17:36-47 Aug '71

A wing and a prayer. illus Approach 16:40-45 Jun '71

Study and Teaching

Here's a copter (Project Pacer Weld) that'll never fly. AF Times 31:16 Jun 30 '71

Training unique specialists (at Sheppard AFB, Tex). Capt Stanley J. Chrobak. illus USAF Instrs J 8:51-54 Spring '71

Viet officers take maintenance course. AF Times 31:18 Jul 28 '71

AIRCRAFT MECHANICS see Ground CrewsAIRDROP

AWADS (Adverse Weather Aerial Delivery System). Maj Jimmy D. Carver. Navigator 18, No. 3:16-17 '71

An airborne drop system. R. T. Kendall. illus (Also cutaways) tab Ordnance 55:459-462 Mar-Apr '71

Airdrop mission to Katum. Maj Curtis L. Messex, Ret. illus AF Mag 54:46-51 Sep '71

Airlift returns to TAWC. Col Bruce D. Ferrier. illus Tac Air Warfare Cen Qtr Rpt 2:16-19+ Autumn '71

C-130 airdrops supply Arctic research group. AF Times 31:38 Jun 9 '71

Canadians instructed in LAPES (Low Altitude Parachute Extraction System). AF Times 31:37 Feb 17 '71

Mission of mercy: Pakistan. CW2 Stephen P. Miles. illus USA Avn Dig 17:30-31 Jun '71

TALC test improves capability of night airdrops. LtCol G. O. Kirchoff. Tac Alft 1:6 Jul '71

The taming of the screwworm (Project Coronet Roundup). Capt Gary A. Guimond. illus Airman 15:26-29 Oct '71

Study and Teaching

Pinpoint delivery. illus Natl Guardsman 25:30 Mar '71

AIRLIFT

See also
Berlin Airlift
Mercy Missions
Vietnamese Conflict, 1957- --Airlift Operations

AMTAG (Air Movements Tactical Airlift Group) agency ensures high degree of readiness. E. R. Reed. Tac Alft 1:25-26 Jul '71

Air Guard begins trial run of Operation "Creek Guardlift." Natl Guardsman 25:15 Apr '71

Air Guard work trips to Hawaii--'challenging and rewarding.' Maj W. A. Grant. illus Air Reservist 23:10-11 Apr '71

Airlift returns to TAWC. Col Bruce D. Ferrier. illus Tac Air Warfare Cen Qtr Rpt 2:16-19+ Autumn '71

Alaskan 'invasion' stopped (in joint Army-Air Force Exercise Ace Card Bethel). AF Times 32:50 Dec 1 '71

AIRLIFT - Continued

- Another view of the Stalingrad and Dien Bien Phu airlifts. (Comment on article by D.J. Backlund, *Aerosp Hist*, Summer-Fall 1970) LtGen William H. Tunner, Ret. illus *Aerosp Hist* 18:135-137 Sep '71
- Army Guardsmen make big leap into exotic types of training. *Natl Guardsman* 25:20+ Jul '71
- Automation improves airlift. LtCol Robert F. Ellington. illus *Tac Alft* 1:12-13 Apr '71
- C-5 moves copters between U.S., (Vietnam). *AF Times* 31:40 Apr 28 '71
- Dual-base Exercise (Crested Cap III) nears. *AF Times* 32:24 Sep 15 '71
- Financial management through the Airlift Service Industrial Fund. Gen Jack J. Catton. illus *AF Compt* 5:back cover+ Nov '71
- Green Beret Guardsmen "get around." illus *Natl Guardsman* 25:14-15 Jan '71
- Lennon panel considers requirements for sealift, airlift. James D. Hessman. *Armed Forces J* 109:34-35 Oct '71
- Logistics in motion--the support of military forces in the C-5 era. Harry D. Yoder. illus *Ordnance* 55:455-458 Mar-Apr '71
- A look at airlift in the mid-'70s: Services will face problems. George Weiss. illus tabs *Armed Forces J* 108:28-31 Apr 5 '71
- MAC airlifts soldiers to Germany (in Exercise Reforger III). *AF Times* 32:45 Oct 13 '71
- MAC logs less traffic. *AF Times* 31:3 Feb 24 '71
- MAC redeploys Reforger (III) troops. *AF Times* 32:33 Dec 22 '71
- The military-civilian airlift partnership. MajGen Maurice F. Casey. illus *Translog* 2:2-5 Mar '71
- Mission of mercy: Pakistan. CW2 Stephen P. Miles. illus *USA Avn Dig* 17:30-31 Jun '71
- New shipbuilding programs fail to halt precipitous decline in sealift capabilities. James Hessman. tab illus *Armed Forces J* 108:25-27+ Apr 5 '71
- (Operation) Bold Venture. Capt Peter Augustus III. illus *Air Reservist* 23:10-11 Mar '71
- (Operation) 'Heavy Bare' (base concept) tests mobility. Col Donald C. Carlson. illus *Tac Alft* 1:6-8 Apr '71
- The Pineapple Airlift (Operation Opportune Journey). illus *Air Reservist* 23:8-9 Jul '71
- Reforger III. Pictorial. *Army* 21:26-27 Dec '71
- Right smack on target! illus *Air Reservist* 23:6-7 Apr '71
- Strategic airlift. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) Gen Jack J. Catton. illus *Mil Engr* 63:313-314 Sep-Oct '71
- Study team (at Tactical AirLift Center (TALC)) evaluates airlift (as inputs to Project Corona Harvest). 2dLt Jim Bateman. illus *Tac Alft* 1:9-11 Apr '71
- TAC airlift given new control setup (Airlift Control Center). Capt Charles D. Kirkpatrick. *AF Times* 32:44 Oct 13 '71
- TAC C-130s log far-flung relief. *AF Times* 31:26 Mar 10 '71

AIRLIFT - ContinuedHistory

- Airlift returns to TAWC. Col Bruce D. Ferrier. illus *Tac Air Warfare Cen Qtr Rpt* 2:16-19+ Autumn '71

Statistics

- Airlift/sealift programs down 20%, but: Airlift capability up, more C-130Es/C-9As, some modern ships in prospect. Brooke Nihart. *Armed Forces J* 108:33 Feb 15 '71

AIRLIFT UNITS

- The anywhere, anytime bunch (89th Military Airlift Wg). Capt Garry E. Mitchelmore. illus *Airman* 15:8-11 Feb '71
- Around the world with SAM (Special Airlift Mission, which transports the President and other distinguished personages). Majs Jessie C. Baldock and Bernard E. Wilson. illus *Navigator* 18, No. 2: 11-13 '71
- Combat Airlift Competition, 1971. Pictorial. *MAC Flyer* 18:4-8 Aug '71
- Conference on bill restores funds for TAC airlift groups. *Officer* 47:26 Feb '71
- Firefighters included in Alaskan Exercise (Punch Card 12). *Natl Guardsman* 25:39 Mar '71
- Guard switching airlift support--going tactical. *AF Times* 32:38 Dec 29 '71
- 63d MAW sweeps airlift meet. illus *AF Times* 31:63 Jun 16 '71
- Operation Deep Freeze--MAC flies 500 to Antarctic site. *AF Times* 32:48 Dec 1 '71
- Reserve associate units meet all goals. *AF Times* 32:24 Nov 3 '71
- A second can make you first. (MAC's Combat Airlift Competition) Ed Blair. illus *Airman* 15:26-30 Dec '71
- 463d TAW (Tactical Airlift Wg) plays vital role at Khe Sanh. illus *Tac Alft* 1:7 Jul '71

AIRLINESSee also

Aviation, Commercial

Directories

- Pillars of world transport. (Member companies of the International Air Transport Assoc) Tables only. *Interavia* 26:1277-1286 Nov '71

Fares

- Air fares rise. *AF Times* 31:50 Apr 7 '71
- Air lines announce reduced family rates. *AF Times* 32:33 Dec 8 '71
- Air rate war waged--Europe fare dips to \$60. *AF Times* 32:1+ Oct 13 '71
- Are tariff changes the solution? *Interavia* 26:893 Aug '71
- Bargain flights backed. *AF Times* 31:2 Feb 17 '71
- Bargain flights to start. *AF Times* 31:2 Jul 7 '71
- CAB deals military 2 defeats. *AF Times* 31:2 Feb 3 '71
- Charter fares stay low despite civil air hikes. *AF Times* 31:17 May 5 '71
- Charter restriction denied by Germany. *AF Times* 31:2 Jul 7 '71

AIRLINES - ContinuedFares - Cont'd

Charters expand flights. AF Times 31:19 Mar 3 '71
 Coach fares upped. AF Times 31:2 Mar 24 '71
 DD1580 rule (authorization for cut rate travel) to tighten. AF Times 31:46 Apr 14 '71
 Hearing ponders military charters. AF Times 32:48 Dec 8 '71
 Military standby and reservation air fares. TIG Brief 23:15 Apr 9 '71
 New U.S. domestic fare guidelines. Interavia 26:658 Jun '71
 Reduced air fare rapped. AF Times 32:8 Nov 24 '71
 Reduced fares ease holiday travel. AF Times 32:23 Nov 24 '71
 U.S. fare raise set by airlines. AF Times 31:44 May 5 '71

Nonscheduled Operations

Air rate war waged--Europe fare dips to \$60. AF Times 32:1+ Oct 13 '71
 Another routine charter flight? Socked in airport provides problem, MTMTS and ITOs (Installation Transportation Officers) find solution. Translog 2:17 Oct '71
 Are tariff changes the solution? Interavia 26:893 Aug '71
 Attitudes to the charter business. Interavia 26:658-659 Jun '71
 Bargain flights backed. AF Times 31:2 Feb 17 '71
 Bargain flights in peril. Bob Schweitz. AF Times 32:2 Sep 29 '71
 Bargain flights to start. AF Times 31:2 Jul 7 '71
 Charter fares stay low despite civil air hikes. AF Times 31:17 May 5 '71
 Charter restriction denied by Germany. AF Times 31:2 Jul 7 '71
 Charters expand flights. AF Times 31:19 Mar 3 '71
 Cut-rate Atlantic flights in peril--Germany proposes curbs. AF Times 31:4 Jun 30 '71
 DOD fights (CAB's) charter bar. AF Times 32:5 Nov 3 '71
 European charter carriers take Boeings. illus Interavia 26:21-22 Jan '71
 Far East charter flights getting harder to find. AF Times 32:24 Oct 27 '71
 Hearing ponders military charters. AF Times 32:48 Dec 8 '71
 House Committee supports overseas charters system AF Times 32:5 Dec 15 '71
 New CAB rules jeopardize military charter flights. James D. Hessman. Armed Forces J 109:12-13 Oct '71
 Reduced air fare rapped. AF Times 32:8 Nov 24 '71
 The supplementals' right to live--state of the airline industry. (Based on interview with Edward J. Driscoll) illus tab Interavia 26:1251-1252 Nov '71
 They stand ready to serve you--air charter services. Ralph Ditano. illus Translog 2:17-19 Nov '71

AIRLINES - ContinuedNonscheduled Operations - Cont'd

"Tourism and air transport." John F. Brindley. Interavia 26:30 Jan '71
 Wardair Canada Ltd--bush operator grows into Canada's biggest charter airline. A.F. Griffiths. illus tab Air Pict 33:60-61 Feb '71

Passenger Service

Airline automation. illus Interavia 26:257-259 Mar '71
 Automation at KLM. illus Interavia 26:402-404 Apr '71
 CAB deals military 2 defeats. AF Times 31:2 Feb 3 '71
 Military standby and reservation air fares. TIG Brief 23:15 Apr 9 '71
 "Tourism and air transport." John F. Brindley. Interavia 26:30 Jan '71
 Trans Com--a new name in inflight entertainment. illus Interavia 26:1309 Nov '71

Statistics

The development of scheduled air traffic, 1968-70. map tabs Interavia 26:1275-1277 Nov '71
 Profitless growth--state of airline industry. Charles Stuart. illus tabs Interavia 26:1243-1244 Nov '71
 A time for realism--state of the airline industry. M. Nibloe. illus tabs Interavia 26:1245-1248 Nov '71

Africa

East African Airways. M. A. Ward. illus tab map Air Pict pt 1, 33:416-420 Nov '71

Australia

Qantas and introduction of the 747. Max Nibloe. illus Interavia 26:1256-1258 Nov '71

Austria

Swissair and AUA move closer together. illus Interavia 26:772-773 Jul '71

Brazil

Civil aviation in Brazil. (Interview with Brig Castro Neves) Interavia 26:668 Jun '71
 A voyage to Latin America. (AVENSA in close-up; VARIG, South America's largest carrier) illus maps tabs Interavia 26:695-699 Jun '71

Canada

Wardair Canada Ltd--bush operator grows into Canada's biggest charter airline. A.F. Griffiths. illus tab Air Pict 33:60-61 Feb '71

China (People's Republic)

Peking pushes for an expanded international air transport system. Ronald Golden. illus Aerosp Intl 7: 18-19+ May-Jun '71

Europe, Western

The airline industry and its profitless growth. Edgar E. Ulsamer. illus Aerosp Intl 7:6-10 Jan-Feb '71
 European charter carriers take Boeings. illus Interavia 26:21-22 Jan '71

France

Rousseau-Aviation's success story. illus tab Interavia 26:1043 Sep '71

AIRLINES - ContinuedFrance - Cont'dHistory

Civil Goliaths--pioneer Farman airliners. Jean Liron. illus tabs Air Pict 33:24-25 Jan '71

Germany (Federal Republic)

Lufthansa optimistic on short-term future. Interavia 26:112 Feb '71

Great Britain

BEA's first 25 years. Terence E. Ford. illus Air Pict 33:271-273 Aug '71

British Midland Airways. B. Lewis. illus tab Air Pict 32:89-91 Mar '70

By Dan-Air Comet to Tenerife. J. D. R. Rawlings. illus tab Air Pict 32:271-273 Aug '70

Caledonian/BUA--a new major airline. illus Interavia 26:955-956 Aug '71

Caledonian/BUA--the second force. illus maps Interavia 26:833-835 Jul '71

Fairflight (Charters) Ltd--a phoenix risen from Eagle's ashes. illus Air Pict 32:407 Nov '70

Northeast Airlines (formerly BKS Air Transport). Geoffrey Negus. illus tab Air Pict 33:94-96

History

Court Line--the holiday airline. Alan W. Hall. illus tab Air Pict 32:114-117 Apr '70

Iceland

Icelandair--a northern light. John F. Brindley. illus Interavia 26:68-69 Jan '71

Loftleidir Icelandic, champion of low-cost trans-Atlantic fares. Alan W. Hall. illus Air Pict 33:340-344 Sep '71

Iran

Aviation in Iran. M. J. Hardy. illus tab Air Pict 33:80-86 Mar '71

Ireland

Seamróig san aer: Aer Lingus-Aerlinnte Eirann. John F. Brindley. (In English) illus tab Interavia 26:1254-1255 Nov '71

Italy

Alitalia: Aspects of aircraft maintenance. illus tab Interavia 26:1044-1046 Sep '71

Malaysia

MSA (Malaysia-Singapore Airlines) reverses the trend (toward airline mergers). illus Interavia 26:1253 Nov '71

Malaysia-Singapore Airlines. illus Interavia 26:500 May '71

Netherlands

Automation at KLM illus Interavia 26:402-404 Apr '71

Saudi Arabia

A thousand and one flights--Saudi Arabian Airlines. Michael P. Brown. illus tab map Interavia 26:692-694 Jun '71

Singapore

MSA (Malaysia-Singapore Airlines) reverses the trend (toward airline mergers). illus Interavia 26:1253 Nov '71

AIRLINES - ContinuedSingapore Cont'd

Malaysia-Singapore Airlines. illus Interavia 26:500 May '71

Switzerland

Heliswiss--a world-wide operator. illus Interavia 26:66-67 Jan '71

Swissair and AUA move closer together. illus Interavia 26:772-773 Jul '71

United States

Airline (Eastern) to offer jobs to PW (and MIA) pilots--hiring priority given. AF Times 31:8 Jun 9 '71

The airline industry and its profitless growth. Edgar E. Ulsamer. illus Aerosp Intl 7:6-10 Jan-Feb '71

Airlines--a cure for chewing up. illus Govt Exec 3:16 Feb '71

Airlines aim flak at cargo flights. Bruce Callander. AF Times 32:13 Dec 8 '71

Airlines in 1970: Hiring and profits drop. AF Times 31:13 Jan 20 '71

American thoughts on STOL based on the views of American and Eastern Airlines. illus Interavia 26:1172 Oct '71

Aviation industry slowly recovering. LtGen Ira C. Eaker. Ret. AF Times 32:13 Oct 13 '71

Boeing's superjet (747): The first year in service. illus Interavia 26:684-687 Jun '71

Commercial aviation and the colonization of the Equatorial islands, 1934-1936. Francis X. Holbrook. illus Aerosp Hist 17:144-149 Dec '70

(Current airline maintenance philosophy) (Address. Long Island, NY Chapter, Society of Logistics Engineers. March 25, 1971) Dick Williams. Log Spectrum 5:36-39+ Fall '71

DOD passenger + scheduled air = big business. Col Joe O. Bellino. illus Translog 2:2-5 Sep '71

An economic analysis of U.S. airlines. George W. James. illus Aerosp Intl 7:14-17 Jan-Feb '71

For U.S. short-haul: Turboprop or fanjet STOL? Edgar Ulsamer. illus Aerosp Intl 7:50-52 Mar-Apr '71

POW/MIA pilots receive job offer (from Eastern Air Lines). Armed Forces J 108:18 Jun 21 '71

Reasons for the crisis--state of the airline industry. Charles C. Tillinghast, Jr. illus Interavia 26:1249 1250 Nov '71

History

Six million miles--the story of Varney Air Lines. Barrett Tillman. illus Am Avn Hist Soc J pt 1, 16:175-183 Fall '71; pt 2, 16:244-250 Winter '71

Statistics

The airline industry and its profitless growth. Edgar E. Ulsamer. illus Aerosp Intl 7:6-10 Jan-Feb '71

An economic analysis of U.S. airlines. George W. James. illus Aerosp Intl 7:14-17 Jan-Feb '71

Venezuela

A voyage to Latin America. (AVENSA in close-up; VARIG, South America's largest carrier) illus maps tabs Interavia 26:695-699 Jun '71

AIRLINES - ContinuedYugoslavia

Jugoslovenski Aerotransport: Steady expansion. illus
- Interavia 26:70-71 Jan '71

AIRLINES, LOCAL SERVICE

American thoughts on STOL based on the views of
American and Eastern Airlines. illus Interavia
26:1172 Oct '71

Canada going for intercity STOL. D.H. Chopping.
illus (Also cutaway) tab Interavia 26:688-690
Jun '71

AIRMAN EDUCATION AND COMMISSIONING PROGRAM

Degrees: The curious cycle. George Foster. AF
Times 32:13 Aug 25 '71

179 get AECF chance. AF Times 32:23 Oct 6 '71

300 AECF slots open for FY '72. AF Times 31:4
May 5 '71

AIRMAN PERFORMANCE REPORTS

Late airman performance reports and their impact
on the Weighted Airman Promotion System (WAPS).
TIG Brief 23:3-4 Dec 31 '71

AIRMEN

The airman promotion program. Maj Jerry C. Schaaf.
AF Plcy Ltr for Comdrs: Sup No. 1:14-15 Jan '71

Airman retraining/lateral training programs. TIG
Brief 23:6 Nov 5 '71

Airmen ignore new OTS plan. George Foster. AF
Times 32:1+ Sep 8 '71

Delayed re-ups: More changes. Bruce Callander.
AF Times 32:13 Nov 17 '71

\$ drive to aid 12 EM in move. AF Times 31:2
May 19 '71

EM can lose by 'shopping.' AF Times 31:10 Apr 21 '71

EM specialists to perform some of dentist's duties.
Jim Sample. AF Times 32:3 Sep 1 '71

EM with over-8 lose VRB July 1. AF Times 31:10
Jun 9 '71

Ex-airmen can get old rank. AF Times 31:2 Jun 9 '71

40 EM skills set for 2d SEA tour. AF Times 32:1
Sep 1 '71

Hike-wait change break for some. AF Times 32:4
Sep 22 '71

'Hot lines' cool airmen gripes. Bruce Callander.
AF Times 32:13 Sep 22 '71

Ladders added in EM career changes. AF Times 31:
50 Mar 31 '71

Lowry (AFB, Colo) group salvages airmen--pcnal
reform model. Jim Sample. illus AF Times 31:22
May 19 '71

Majority likes WAPS, airman survey indicates. AF
Times 31:3 Feb 10 '71

Many first-termers apply for commissioning slots.
AF Times 32:25 Oct 20 '71

Many odd factors can alter (WAPS) scores. Bruce
Callander. AF Times 31:13 Mar 24 '71

More space ordered for EM in dorms. AF Times
32:20 Aug 18 '71

Need found for money, benefits--ATC polls young
married EM. AF Times 31:13 Apr 14 '71

AIRMEN - Continued

New career plan (TOPCAP) approved for EM. Bruce
Callander. AF Times 31:1+ Jun 9 '71

A new look at WAPS. MSgt Loren B. Leonberger.
illus Airman 15:33-35 Jun '71

New lure (guaranteed base of preference) set for ex-
EM. Bruce Callander. AF Times 31:1+ Jul 21 '71

New rehabilitation project starts. AF Times 31:20
May 19 '71

New rules established on WAPS test taking. AF Times
31:8 May 26 '71

'Palace Fly' seeks 100 volunteers. AF Times 32:39
Dec 29 '71

Plush incentives offered for first-termers. AF
Times 31:1+ Mar 17 '71

Pro pay debated for ex-officers. AF Times 31:21
Jun 2 '71

Promotion bar explained--can benefit airmen. AF
Times 31:21 Jun 23 '71

Promotion of airmen. TIG Brief 23:15 Oct 8 '71

Recruits trained to 'accept' AF. AF Times 31:19
Jun 2 '71

Split of hikes, super pay poses multiple problems.
AF Times 32:21 Sep 29 '71

(SSgt Cecil White receives 1st Legal Services
Airman of the Year Award for 1970.) illus AF JAG
L Rev 13:168 Summer '71

Super pay eyed for more airmen. AF Times 32:3
Nov 3 '71

Super-pay plan panel meets--work begins on revi-
sion. AF Times 31:13 Jun 2 '71

Super-pay rules temporary, field reminded. AF
Times 31:17 May 19 '71

Supplementary EM hikes put on a 'no-fault' basis.
AF Times 32:17 Sep 22 '71

'Swaps' program to offer broader choice. AF Times
32:10 Sep 29 '71

Troublemakers face axe. Bruce Callander. AF Times
32:1+ Sep 15 '71

Under-2 raises spurred. AF Times 31:1+ Jan 27 '71

WAPS scores use percent. Bruce Callander. AF
Times 32:1+ Sep 29 '71

The Weighted Airman Promotion System (WAPS).
TIG Brief 23:4 Jan 29 '71

Statistics

Ryan explains officer-to-EM ratio changes. AF
Times 31:22 Jul 7 '71

AIRMEN'S CLUBS see Servicemen's ClubsAIRPLANE HIJACKING

No haven for hijackers. Eric Clydesdale. illus
Aerosp Intl 7:18-20 Jan-Feb '71

Skyjacked planes trailed. AF Times 32:59 Nov 24 '71

Transportation safety. Interview. LtGen Benjamin O.
Davis, Jr, Ret. illus Def Trans J 27:18-22 Nov-
Dec '71

History

War declared on air piracy. H. R. Kaplan. illus
Review 51:16-17+ Sep-Oct '71

AIRPLANE HIJACKING - ContinuedPrevention

- No haven for hijackers. Eric Clydesdale. illus
Aerosp Intl 7:18-20 Jan-Feb '71
- Oversea sites limit 'sky marshal' tests. AF Times
31:4 Jan 6 '71
- 'Sky marshal' positions open if you have qualifications. MarCor Gaz 55:6 Jan '71
- Vets fill ranks of sky marshals. AF Times 31:22
Jan 27 '71
- War declared on air piracy. H. R. Kaplan. illus
Review 51:16-17+ Sep-Oct '71

Statistics

- No haven for hijackers. Eric Clydesdale. illus
Aerosp Intl 7:18-20 Jan-Feb '71

AIRPLANE TYPE

Only U.S. military airplanes are entered under type as given by the latest issue of the Department of Defense Model Designation of Military Aircraft, Rockets & Guided Missiles. For airplanes of other countries see entries under specific categories, e.g., Airplanes, Military--Great Britain.

A-4

- Navy gets A-4M: Longest production run. Armed
Forces J 108:19 May 3 '71

A-5

- The eyes of the fleet. CDR J. E. Wise, Jr. (Reprinted from Naval Aviation News, July 1971) illus Tac
Air Recon Dig 5:12-19 Jun '71

A-6

- USN and USMC Intruder markings. Kurt H. Miska.
illus tabs Am Avn Hist Soc J 16:79-86 Summer '71

A-7

- A-7 debris control. illus Aerosp Safety 27:10-11
Jun '71
- A-7D crash rescue/pilot extractor. Maj William G.
Shideler. illus Aerosp Safety 27:10-11 Nov '71
- A-7D--weapons delivery in the manual mode. Capt
John C. Morrissey. illus tabs USAF Ftr Wpns Rev
No. 1:34-45 Spring '71
- Myrtle Beach (AFB, SC, 354th Tactical Fighter)
Wing ends shift to A-7Ds. AF Times 31:48
Jul 7 '71
- They call it 'SLUF'--Short, Little, Ugly Feller
(A-7D). George Weiss. illus Armed Forces J 109:
28-31 Dec '71
- Understanding the A-7D inertial measurements sys-
tem. Maj John C. Morrissey. illus tabs USAF
Ftr Wpns Rev No. 3:1-6 Fall '71
- War paint on a hornet-bird (A-7D). Sgt Dave Cole.
illus Airman 15:3-8 Sep '71

A-26

- Nimrod--king of the (Ho Chi Minh) Trail. Capt
Michael J. C. Roth. illus AF Mag 54:30-34 Oct '71

A-37

- A bold new look for the 70's. illus Air Reservist
23:6-7 Mar '71

AC-47

- An old airplane (C-47) in a new war. J. L. Cole. illus
Aerosp Hist 18:71-74 Jun '71

AIRPLANE TYPE - ContinuedAC-119

- AC-119 crew wins (1970 Mackay) Trophy. AF Times
31:3 Jul 28 '71
- Shadow--AC-119 gunships in Southeast Asia. SSgt
Robert J. Lessels, Jr. illus AF Mag 54:38-40
Nov '71
- Viets gain skills for more roles. AF Times 31:20
Apr 28 '71

AC-130

- AC-130 gunships destroy trucks and cargo. George
Weiss. illus Armed Forces J 109:18-19 Sep '71

B-1

- The accent is on flying--status report on the F-15,
B-1, A-X. Edgar Ulsamer. illus AF Mag 54:
26-35 Jun '71
- Air Force program managers: Why all the praise?
Interviews. Gen George Brown, MajGen Douglas
T. Nelson, BrigGens Benjamin N. Bellis and War-
ner E. Newby and others. illus Govt Exec 3:34-35+
Jun '71
- Attackers endanger B-1 plan. Ed Gates. AF Times
31:1+ May 19 '71
- B-1--a wise investment. G. Francis Farrell. illus
tab Combat Crew 22:4-7 Dec '71
- The B-1 bomber: Does American survival hinge on it?
Interviews. MajGen Douglas T. Nelson and others.
illus Govt Exec 3:53-54+ Oct '71
- B-1 cutback put in perspective. LtGen Ira C. Eaker,
Ret. AF Times 31:13 Mar 10 '71
- The B-1 is a must. Editorial. John F. Loosbrock.
AF Mag 54:10 Jun '71
- B-1 programme cutback. illus Interavia 26:365
Apr '71
- B-1--vital to nation's defense. (Address, Iron Gate
Chapter, AFA, New York, Sep 14, 1971) MajGen
Douglas T. Nelson. AF Plcy Ltr for Comdrs: Sup
No. 11:2-9 Nov '71
- Laser for growth B-1? Armed Forces J 108:20-21
Jul 19 '71
- Packard threatened to resign over B-1 budget issue.
Armed Forces J 108:8 Feb 1 '71
- Progress on the B-1 bomber. J. Philip Geddes. illus
tab (Also cutaway) Intl Def Rev 4:344-346 Aug '71
- A progress report on the B-1 bomber. G. Philip
Geddes. illus (Also cutaways) Interavia 26:940-943
Aug '71
- Proxmire's B-1 charge rebutted. AF Times 31:17
Jun 9 '71
- Soft/ride--B-1 performance enhancer. illus Combat
Crew 22:8-11 Jan '71
- Soviet 'Backfire' strategic bomber revealed. illus
tab Armed Forces J 109:23-24 Nov '71
- Threats: At home and abroad. Claude Witze. illus
AF Mag 54:14-16 Jun '71
- Updating the (Air) Force. Ed Blair. illus Airman 15:
7-11 Mar '71
- Weapon systems for the future. (Remarks, 7th Pro-
pulsion Joint Specialist Conference, American In-
stitute of Aeronautics and Astronautics, Salt Lake
City, Utah, June 16, 1971) Gen George S. Brown.
AF Plcy Ltr for Comdrs: Sup No. 9:13-19 Sep '71

AIRPLANE TYPE - ContinuedB-1 - Cont'd

Why we need the B-1. (Remarks, Long Island Section, American Institute of Aeronautics and Astronautics, Woodbury, Long Island, NY, Nov 10, 1970) BrigGen Douglas T. Nelson. AF Plcy Ltr for Comdrs: Sup No. 1:24-31 Jan '71

Will the B-1 suffer the fate of the SST? GAO and dissenting congressional group mount wrongheaded attacks. George Weiss. illus Armed Forces J 108:20-21 May 17 '71

Costs

Threats: At home and abroad. Claude Witze. illus AF Mag 54:14-16 Jun '71

B-24

Last flight of the Cactus Kid. Thurzal Q. Terry. illus AF Mag 54:76-80 Apr '71

B-29

Superfortress raids on Japan. Christopher J. Argyle. illus map Air Pict pt 1, 33:4-9 Jan '71; pt 2, 33:64-68 Feb '71

B-36

B-36 gets last home. illus AF Times 31:52 Feb 17 '71

Design development of the XB-36. Meyers Jacobsen. illus (Also cutaways) Am Avn Hist Soc J pt 1, 15:224-235 Winter '70; pt 2, 16:124-130 Summer '71

Salute to the peacemaker. Capt James C. Gaston. illus Airman 15:19-20 Sep '71

History

Names and the B-36. Meyers K. Jacobsen. illus Am Avn Hist Soc J 16:186-187 Fall '71

B-52

The B-1 bomber: Does American survival hinge on it? Interviews. MajGen Douglas T. Nelson and others. illus Govt Exec 3:53-54+ Oct '71

B-52 'satellites' expand facilities. AF Times 31:3 Apr 28 '71

Discipline. (The experience level within the B-52 and KC-135 crew force considerably less than SAC has had in past years) Col Wm. P. Armstrong. illus Combat Crew 22:19-21 Dec '71

Project Cleansweep. Sgt John C. Lyon. illus Combat Crew 22:18-20 Jan '71

Proxmire's B-1 charge rebutted. AF Times 31:17 Jun 9 '71

Runaway-y-y (APN89 doppler radar system). Capt Richard V. Modic. Navigator 18, No. 3:10 '71

SAC retains Blue Steel Trophy. WgComdr Phillip J. Goodall. illus tabs Combat Crew 22:8-11+ Jun '71

SAC wins RAF meet. AF Times 31:17 May 19 '71

That one small step. (B-52 low level accidents) Maj Edward E. Nystrom. illus Combat Crew 22:16-17 Nov '71

"What's holding it together?" illus Combat Crew pt 1, B-52. Maj Robert J. Peisher. 22:4-7+ Oct '71; pt 2, KC-135. 22:12-15 Nov '71

C-5

Accident grounds C-5As. AF Times 32:8 Oct 27 '71

AIRPLANE TYPE - ContinuedC-5 - Cont'd

Air Force program managers: Why all the praise? Interviews. Gen George Brown, MajGen Douglas T. Nelson, BrigGens Benjamin N. Bellis and Warner E. Newby and others. illus Govt Exec 3:34-35+ Jun '71

C-5 hazard analysis. illus MAC Flyer 18:24-26 Feb '71

C-5 moves copters between U.S., (Viet)nam. AF Times 31:40 Apr 28 '71

C-5 navigational systems. Maj John R. Livingstone. illus map MAC Flyer 18:19-23 Apr '71

Coming? Tandem base logistics support. Maj William G. T. Tuttle, Jr. illus Army Log 3:12-15+ Nov-Dec '71

The Galaxy. (Interview with Maj Richard W. Jones, Jr) illus MAC Flyer 18:13-15 Jan '71

Galaxy glidepaths, illus tab MAC Flyer 18:9-11 Aug '71

A generation of progress! New F-4 & C-5 missions for the Guard and Reserve. Col Frank Martineau. illus Air Reservist 23:8-9 May-Jun '71

Logistics in motion--the support of military forces in the C-5 era. Harry D. Yoder. illus Ordnance 55:455-458 Mar-Apr '71

A look at airlift in the mid-'70s: Services will face problems. George Weiss. illus tabs Armed Forces J 108:28-31 Apr 5 '71

The military-civilian airlift partnership. MajGen Maurice F. Casey. illus Translog 2:2-5 Mar '71

Much-maligned C-5 handles its job well. AF Times 32:34 Aug 18 '71

One candle for the C-5. illus Aerosp Safety 27:2-5 Sep '71

1-year independent study requested by AF for C-5. AF Times 32:21 Dec 5 '71

Pavement tests for the jumbo jet. Harry H. Ulery, Jr and SP5 Michael J. Trawle. illus Mil Engr 63:164-166 May-Jun '71

The sky giant. SMSgt David L. Mayhew. illus Airman 15:48-55 Jul '71

Third C-5 squadron formed. Armed Forces J 108:20 May 3 '71

28 tires, 4 fires, and me. (C-5 compared to C-141) Capt Phillip R. Budd. illus MAC Flyer 18:12-15 Sep '71

Costs

Congressional critics renew sniping at C-5. AF Times 31:10 May 5 '71

Firm rejects C-5 settlement. AF Times 31:18 Jan 20 '71

Lockheed agrees to accept loss. Armed Forces J 108:14 Mar 1 '71

Lockheed will go to court on C-5A claims. Armed Forces J 108:14-15+ Jan 18 '71

C-7

Viet phasedown effects announced. AF Times 32:22 Oct 6 '71

C-9

Aeromedical evacuation. LtCol Elwyn E. Wilson, Ret. illus Navigator 18, No. 2:9-10 '71

AIRPLANE TYPE - Continued

C-47

An old airplane (C-47) in a new war. L. L. Lofe. illus
Aerosp Hist 18:71-74 Jun '71

C-54

C-54 postscripts. LtCol Robert G. Clithero. illus
Combat Crew 22:28-29 Oct '71

C-97

Israeli aerial refueling capability blow to Arab air
strategy. Brooke Nihart. illus Armed Forces J
108:15-16 Feb 1 '71

Oklahoma ANG begins communications mission.
AF Times 31:44 May 19 '71

C-118

Viet phasedown effects announced. AF Times 32:22
Oct 6 '71

C-119

C-119 units saved, converted to C-130s. AF Times
31:4 Jan 13 '71

C-123

319th (Special Operations Sq) battles bugs--multiple
mission outfit. illus AF Times 32:9 Oct 6 '71

History

'Patches' (C-123) to retire after many hits. Sgt Tony
Brazzi. AF Times 31:18 Aug 4 '71

C-130

ANG wing gets C-130 simulator. AF Times 31:29
Mar 31 '71

Airdrop mission to Katum. Maj Curtis L. Messex. Ret.
illus AF Mag 54:46-51 Sep '71

C-119 units saved, converted to C-130s. AF Times
31:4 Jan 13 '71

C-130 air drops supply Arctic research group. AF
Times 31:38 Jun 9 '71

Khe Sanh operation ends with big lift. AF Times 31:18
May 5 '71

McDonnell Douglas highlight TAC rotation. Jim Sample.
AF Times 31:17 Jul 14 '71

First special target! ill's Air Reservist 23:6-7
Apr '71

Airlift control center control setup (Airlift Control
Center). Capt Charles D. Kirpatrick. AF Times
31:14 Oct 13 '71

TAC C-130s log far-flung relief. AF Times 31:26
May 10 '71

C-130C-130

Operation with J. Walter. Walter (C-130). LtCol Bruce
J. Walter. illus MAC Flyer 18:16-20 Jul '71

C-130

Operation with J. Walter. Walter (C-130). LtCol Bruce
J. Walter. illus MAC Flyer 18:16-20 Jul '71

Operation with J. Walter. Walter (C-130). LtCol Bruce
J. Walter. illus MAC Flyer 18:16-20 Jul '71

Operation with J. Walter. Walter (C-130). LtCol Bruce
J. Walter. illus MAC Flyer 18:16-20 Jul '71

AIRPLANE TYPE - Continued

C-141 - Boat

C-141 tires--bridging the gap between run and
way. illus MAC Flyer 18:18-19 May '71

C-141 troop doors/ring grabbers. illus MAC Flyer
18:23 Mar '71

Cat(cory) Two and John. Maj Edward H. Josephson.
illus tab MAC Flyer 18:21-22 Jan '71

The Galaxy. (Interview with Maj Richard W. Jones,
Jr) illus MAC Flyer 18:15-16 Jan '71

Logistics in motion--the support of military forces
in the C-5 era. Harry D. Yeager. illus Ordnance
55:455-458 Mar-Apr '71

The new C-141 pilot approach. illus MAC Flyer
18:22-23 Sep '71

Pacer gear 495. illus MAC Flyer 18:22-23 Sep '71

28 tires, 4 fires. (C-5 compared to C-141)
Capt Phillip H. Budd. illus MAC Flyer 18:12-15
Sep '71

Winged ward (Special Airborne Medical Care Unit)
tested. AF Times 31:18 Jul 14 '71

Cargo Master

See C-133

Cargo

See C-7

Corsair II

See A-7

Corsair

See 1-8

Delta Dagger

See 1-102, TF-102

Delta Dart

See 1-10

F-4

AEW aircraft in the Sixth Fleet. Armed Forces J
108:19 May 17 '71

F-4

ANG to get first F-4Cs. AF Times 32:19 Dec 22 '71

Brute force. SSG William Wagner. illus Combat
Crew 22:18-20 Aug '71

F-4 film assessment. FltLt Trevor Richardson and
Capt Bill Ross. illus USAF Ftr Wpns Rev No. 3:18-
32 Fall '71

F-4 tail section rescue. illus Approach 16:18-19 Jun '71

Fighter aircraft recovery and the civil engineer.
Maj Charles W. Proffitt. illus chart AF Civil
Engr 12:8-10 May '71

From a good stable. W. Cmdr A. G. T. James, Pet.
illus Royal Air Forces Qtr 11:19-23 Spring '71

Generation of progress. (C-141 & C-5 missions
for the Guard and Reserve). Capt Frank Martincau
illus Air Reservist 23:8-10 May-Jun '71

High angle of attack in the swingwing. Capt Stuart R.
Boyd. illus Aerosp Sci 27:1-4 Aug '71

More Phantoms for West Germany. Interavia 26:489
May '71

New F-4 gun/sight camera. Capts Mike Sexton
and Jerry Jamison. illus USAF Ftr Wpns Rev
No. 3:8-13 Fall '71

AIRPLANE TYPE - ContinuedF-4 - Cont'd

"Nite Owl" operations (in 497th Tactical Fighter Sq Ubon RTAFB, Thailand). 1Lt Col Charles F. Harrington. illus Air Warfare Cn Qtr Rpt 2:4-11 Dec '70

Red Barons all. (Fighter Weapons Instructor Course Fighter Weapons School. Nellis AFB, Nev) Capt Ralph T. Hood. USAF Instrs J 9:17-19 Fall '71

Snap 'em, zap 'em. Capt Alexander H. C. Harwick. illus USAF Ftr Wpns Rev No. 1:48-50 Spring '71

Spinout. illus Approach 17:6-7 Jul '71

Target: Bardenas Reales (near Zaragoza AB, Spain). MSgt L. B. Leonberger. illus Airman 15:31-33 Nov '71

This train don't carry no passengers. The GIB--passenger or participant? Capt Richard Anderegg. illus Aerosp Safety 5:6-7 Apr '71

When an F-4 gets messed up--you might repair it yourself or, send the pieces away to experts. illus AF Times 31:51 Jun 23 '71

A wing and a prayer. illus Approach 16:40-45 Jun '71

Maintenance and Repair

When an F-4 gets messed up--you might repair it yourself or, send the pieces away to experts. illus AF Times 31:51 Jun 23 '71

Study and Teaching

F-4 instructors' instructors trained at Luke (AFB Ariz). illus AF Times 32:26 Dec 22 '71

F-5

The F-5-21--some potential competition. Aerosp Intl 7:44 Jan-Feb '71

Gliding flight. C.H. Vance. illus Aerosp Safety 27 6-9 Mar '71

Ground effect. C.H. Vance. (Reprinted from F-5 Service News, Oct Quarter 1971) illus Aerosp Safety 27:16-17 Dec '71

F-5-8

Don't bend the elbow. illus Approach 17:42-43 Jul '71

F-14

F-14 launch conditions clarified: OK for new catapults. Armed Forces J 108:20 Jun 7 '71

House passes procurement bill, less F-14. Armed Forces J 108:18-19 Jul 5 '71

Navy's F-14: Costly, but nothing else will do the job. Brooke Nihart. illus tabs Armed Forces J 109:40-44 Dec '71

Navy's F-14A has successful first flight. illus Armed Forces J 108:15-17 Jan 4 '71

New plan for F-14/F-15 shootout? Armed Forces J 108:15-16+ Apr 19 '71

Packard directs Navy to overhaul F-14 program: Production to be cut. Armed Forces J 108:21-22 Jun 21 '71

Pilots eject safely after hydraulic problem on F-14 second flight 30 December. Armed Forces J 108:16 Jan 4 '71

Costs

Grumman faces F-14 cost overrun. illus Interavia 26:500 May '71

AIRPLANE TYPE - ContinuedF-14 - Cont'dCosts - Cont'd

Navy pressed to account for big rise in cost of F-14. AF Times 31:A3 Jun 23 '71

Navy's F-14: Costly, but nothing else will do the job. Brooke Nihart. illus tabs Armed Forces J 109:40-44 Dec '71

F-15

The accent is on flying--status report on the F-15. B-1, A-X. Edgar Ulsamer. illus AF Mag 54: 26-35 Jun '71

Air Force program managers: Why all the praise? Interviews. Gen George Brown. Maj Gen Douglas T. Nelson, Brig Gens Benjamin N. Bellis and Warner E. Newby and others. illus Govt Exec 3:34-35 Jun '71

Air superiority into the 1980s. Gen John C. Meyer. illus AF Mag 54:42-45 Aug '71

Battle birds ace-high. A1C Dave Cole. illus Airman 15:12-15 Mar '71

New plan for F-14/F-15 shootout? Armed Forces J 108:15-16+ Apr 19 '71

To fly and fight. Maj Buddy Bowman. illus USAF Ftr Wpns NL No. 4:10-11+ Winter '70

Weapon systems for the future. (Remarks 7th Propulsion Joint Specialist Conference. American Institute of Aeronautics and Astronautics. Salt Lake City, Utah, June 16, 1971) Gen George S. Brown. AF Ploy Ltr for Comdrs: Sup No. 9:1-19 Sep '71

F-15-8

F-8e Sabreliner? No! It's a F-30. Maj Fay L. Hertenhouse. (Reprinted from Aerospac Safety. May 1970) illus Interceptor 13:14 Apr '71

F-15-1

An energy approach to landing. Don Stuck. illus tab Interceptor 13:5-8 Dec '71

There are no old birds. Maj Thaddeus R. Pidweed. illus Tac Air Recon Dig 5:6-11 Jun '71

Voodooos. Maj Tom H. Lundquist. illus Interceptor 13:7-9 Jan '71

F-15-2

Daggers. Col Wayne C. Gatlin. illus Interceptor 13:10-12 Jan '71

F-15-4

The ten years of the Starfighter--backbone of Europe's mach two air strength. B. van der Klaauw. illus NATO's Fifteen Nations 16:76-83 Feb-Mar '71

Study and Teaching

USAF-GAF Air Warfare Instructor Course (for training German fighter pilots at F-104G Fighter Weapons School. Luke AFB, Ariz). illus USAF Ftr Wpns Rev No. 1:46-47 Spring '71

F-10

F-105 flight control corrosion. George E. Kammerer. illus Aerosp Safety 27:21 Apr '71

F-106

The cold hard facts--two hook strengths: Design and yield (for F-106, F/RF-101, F/TF-102) Table only. Interceptor 26: back cover Dec '71

AIRPLANE TYPE - ContinuedF-106 - Cont'd

Was I scared? Maj Roger T. Rhodes. illus Interceptor
13:13-15 Dec '71

F-111

F-111 A/E altitude calibration. Capt Don Henry. illus
tab USAF Ftr Wpns Rev No. 1:16-24 Spring '71

F-111--a pilot's view. Capt John Francis, Jr. illus
tabs AF Mag 54:31-39 Apr '71

The F-111: The swing-wing may surprise you yet.
George Weiss. illus tab Armed Forces J 108:
22-25 Jul 19 '71

Fastest gun in the West--the General Dynamics
F-111 in Britain. Roger A. Freeman. illus tab
Air Pict 33:135-138 Apr '71

High angle of attack in the swingwing. Capt Stuart R.
Boyd. illus Aerosp Safety 27:1-4 Aug '71

High angles of attack. Capt Stuart R. Boyd. illus
Combat Crew 22:8-11+ Aug '71

House group votes extra F-111 funds. AF Times 31:3
Jun 9 '71

Mighty metal men. MSgt L. B. Leonberger. illus
Airman 15:43-47 Dec '71

The TFX F-111 aircraft: A perspective in military
command and defense management. RADM Henry
E. Eccles, Ret. illus Nav War Col Rev 23:66-87
Apr '71

Maintenance and Repair

Mighty metal men. MSgt L. B. Leonberger. illus
Airman 15:43-47 Dec '71

F-106

ADC's F-106s due new modifications. AF Times
31:28 Feb 24 '71

& Darts. Capt Larry B. McBride. illus Interceptor
13:13-15 Jan '71

F-111

A-X award irks Cessna; Senate nips at TFX again.
AF Times 31:17 Jan 6 '71

All about the TFX 'fiasco.' Navy 14:27-28 Jan '71

Wonderbird of the Air Force. F. Michael O'Brien.
illus Airman 15:38-39 Mar '71

FB-111

That swing wing thing. G. Francis Farrell. illus
Combat Crew 22:4-7+ May '71

Wonderbird of the Air Force. F. Michael O'Brien.
illus Airman 15:38-39 Mar '71

FX

See F-15

Flying Boxcar

See AC-119; C-119

Freedom Fighter

See F-5

Galaxy

See C-5

Hawkeye

See F-2

Hercules

See C-130; RC-130; WC-130

Intruder

See A-6

AIRPLANE TYPE - ContinuedInvader

See A-26

KC-135

Big instrument--'135 flight director: Special Number
Two. Maj John C. Bonnette and Emory M. Strong,
Jr. illus Combat Crew 22:18-19 Sep '71

Big instrument--special on the 135 flight director.
Maj William E. Baker. illus Combat Crew 22:23
Apr '71

Discipline. (The experience level within the B-52 and
KC-135 crew force considerably less than SAC has
had in past years) Col Wm. P. Armstrong. illus
Combat Crew 22:19-21 Dec '71

Four men out. illus Combat Crew 22:4-7 Aug '71

"Hot wheels." Maj Edgar C. Leavenworth. illus
Combat Crew 22:4-7 Feb '71

"What's holding it together?" illus Combat Crew pt 1,
B-52. Maj Robert J. Peisher. 22:4-7+ Oct '71;
pt 2, KC-135. 22:12-15 Nov '71

Equipment

How to hang your curtains--on a '135! 1stLt Thomas
M. Ballagh. illus Combat Crew 22:18-20 Jul '71

Study and Teaching

Boom operator training program (at) 4017th Combat
Crew Training Squadron (Castle AFB, Calif). illus
USAF Instrs J 9:44-47 Fall '71

Liftmaster

See C-118

Mohawk

See OV-1

Nightingale

See C-9

OV-1

Hawk in the sky. Maj James M. Boone. (Reprinted
from United States Army Aviation Digest, Sep
1970) illus Tac Air Recon Dig 5:10-15 Feb '71

The Martin-Baker J-5 ejection seat. SP5 Danny W.
Daron. illus USA Avn Dig 17:60-63 Apr '71

Study and Teaching

Georgia National Guard. illus USA Avn Dig 17:10-13
May '71

Orion

See P-3

P-3

Navy claims flight record. Armed Forces J 108:17
Feb 1 '71

Phantom II

See F-4; RF-4

Provider

See C-123

RB-57

Space suit navigator. Maj Curtis D. Dale and Capt
Curtis E. Kelly. illus Navigator 18, No. 2:26-28 '71

RC-130

Airborne flashlight (RC130S Hercules). MSgt Loren
B. Leonberger. illus Airman 15:12-14 May '71

AIRPLANE TYPE - ContinuedRF-4

ANG's new cameras on wings, the RF-4C. illus Air Reservist 23:10-11 May-Jun '71

German Phantoms. Alan W. Hall. illus Air Pict 33:278-279 Aug '71

RF-4C (LN-12) inertial navigation (system). Capt C. R. Brandt. Navigator 18, No. 3:20 '71

Snap 'em, zap 'em. Capt Alexander H. C. Harwick. illus USAF Ftr Wpns Rev No. 1:48-50 Spring '71

RF-101

The cold hard facts--two hook strengths: Design and yield (for F-106, F/RF-101, F/TF-102). Table only. Interceptor 26: back cover Dec '71

S-3

Computer--airborne model on time. Govt Exec 3:10+ Mar '71

S-3A--brainstorming savings. (Interview with CAPT Fred H. Baughman) illus Govt Exec 3:19+ Aug '71

SR-71

High, hot, and headin' out--more about the SR-71. LtCol G. Abe Kardong. illus Aerosp Intl 7:44-49 Dec '71; AF Mag 54:44-49 Dec '71

SR-71 at Mach 3.0 cruise. Col Patrick J. Halloran. illus tab AF Mag 54:62-64+ Sep '71

Sabre

See F-86

Sabreliner

See T-39

Shooting Star

See T-33

Skyhawk

See A-4

Skymaster

See C-54

Skytrain

See AC-47; C-47

Starfighter

See F-104

Starlifter

See C-141

Stratocruiser

See C-97

Stratofortress

See B-52

Stratofreighter

See C-97

Stratotanker

See KC-135

Superfortress

See B-29

T-33

High angle of attack in the swingwing. Capt Stuart R. Boyd. illus Aerosp Safety 27:1-4 Aug '71

T-bird flameouts. Maj David H. Hook. illus Aerosp Safety 27:18-20 Apr '71

AIRPLANE TYPE - ContinuedT-38

I fly the T-38. Cpts David R. (Rich) Croft and Robert W. Wickman. illus tab AF Mag 54:36-41 Aug '71

What happened to the T-38--trainer aircraft accidents in 1970. LtCol Larry T. Cooper. illus Aerosp Safety 27:20-21 May '71

History

I fly the T-38. Cpts David R. (Rich) Croft and Robert W. Wickman. illus tab AF Mag 54:36-41 Aug '71

T-39

F-86? Sabreliner? No! It's a T-39. Maj Ray D. Rittenhouse. (Reprinted from Aerospace Safety, May 1970) illus Interceptor 13:19 Apr '71

Maintenance and Repair

Revised T-39 flying hour program. TIG Brief 23:19 Jan 29 '71

TF-102

The cold hard facts--two hook strengths: Design and yield (for F-106, F/RF-101, F/TF-102). Table only. Interceptor 26: back cover Dec '71

TFX

See F-111

Talon

See T-38

Thunderchief

See F-105

U-2

See WU-2

V-1

See OV-1

V-2

See C-7

VFX

See F-14

V SX

See S-3

Vigilante

See A-5

Voodoo

See F-101

WC-130

WC-130 specially outfitted for study of hurricanes (Project Seek Storm). AF Times 31:55 Feb 3 '71

Women chasers (weather reconnaissance sqs). Capt Charles E. Gambrell and others. illus Navigator 18, No. 2:24-26 '71

WU-2

High spies--the story of the U-2 and other high-flying reconnaissance aircraft. Victor Flinham. illus Air Pict pt 1, 33:214-216 Jun '71; pt 2, 33:258-260 Jul '71

X-15

The X-15 in retrospect. David Baker. illus tabs Spaceflight 13:216-219 Jun '71

AIRPLANE TYPE - Continued

See F-14 ZF-14

See F-15 ZF-15

AIRPLANES

See also

Aircraft, Experimental

Accidents

See Accidents, Air; Accidents, Ground
(Aircraft)

Cabins

Human factor in relation to the development of pressurized cabins. (Harry G. Armstrong Lecture 42d Annual Meeting, Aerospace Medical Assoc., Houston, Tex., 1971) Ross Armstrong McFarland. illus tabs Aerospace Med 42:1303-1318 Dec '71

Characteristics

The aircraft shown in Paris (Air Show 1971). Table only. Interavia 26:797-800 Jul '71

Covers All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Control

Light Control System

Cockpits

Man-machine topology in Air Force systems. Milton J. R. and others. illus Aerospace Med 42:1319-1321 Apr '71

Craft

Light Control System

Design

Lockspore LDA-01. illus Air Pict 33:373 Oct '71

Emergency Procedures

Aircraft emergencies. A. W. LeVier. illus MAC Flyer 18:12-15 May '71

Engines

See also

Jet Engines

Rolls-Royce: Troubled but tenacious. Stefan Geisenheyner. illus Aerosp Intl 7:38-41 Jan-Feb '71

History

Rolls-Royce: Troubled but tenacious. Stefan Geisenheyner. illus Aerosp Intl 7:38-41 Jan-Feb '71

Equipment

Testing

Honeywell modular automatic test equipment. Robert B. Gustafson. illus Interavia 26:1069-1071 Sep '71

Fires and Fire Prevention

Relative flammability of gas turbine powerplant fuels. J. L. Haley and SP4 D. C. Portfolio. tab illus USA Avn Dig 17:2-57 Feb '71

Fuel

Relative flammability of gas turbine powerplant fuels. J. L. Haley and SP4 D. C. Portfolio. tab illus USA Avn Dig 17:2-57 Feb '71

AIRPLANES - Continued

Ground-Support Equipment

Alitalia: Aspects of aircraft maintenance. illus tab Interavia 26:1044-1046 Sep '71

Inspection

See also

Preflight Inspections

Instruments

See Aeronautical Instruments

International Incidents

See also

Airplane Hijacking

Landing and Takeoff

See also

Automatic Landing Systems

Catapults

Ground-Controlled Approach

Hydroplaning

The circling approach. Tim Swearingen. illus tabs map MAC Flyer 18:4-8 Feb '71

ILS and the microwave landing system. E. R. Hollm. illus Interavia 26:142-143 Feb '71

MADGE (Microwave Aircraft Digital Guidance Equipment)--a new landing guidance aid. illus Interavia 26:939 Aug '71

An operational aid for warning of aquaplaning conditions. J. E. Forbat. illus Interavia 26:164-166 Feb '71

Pilot vision during final approach-and-landing in turbojet transport operations. David A. Hodgson. illus Aerosp Med 42:205-208 Feb '71

Reverse thrust. Aerosp Safety 27:18 May '71

Launching

See Catapults

Lighting

Two-flash thresholds as a function of comparison stimulus duration. Mark F. Lewis and Henry W. Mertens. illus Aerosp Med 42:393-395 Apr '71

Maintenance and Repair

See Aircraft Maintenance

Manufacture

See Aircraft Industry and Trade

Modifications

Boeing studies 747 for use by military. AF Times 32:21 Dec 8 '71

Power Plants

See also

Airplanes--Engines

Races

History

First international air race, August 1919--New York-Toronto. K. M. Molson. illus tabs Am Avn Hist Soc J 16:263-272 Winter '71

Rebirth of an Italian legend (Ansaldo S.V.A. 9 airplane). illus map tab Am Avn Hist Soc J 16:231-241 Winter '71

AIRPLANES - ContinuedRefuelingSee also

In-Flight Refueling

Restoration

History's high-flying hardware (at the Smithsonian National Air and Space Museum). MSgt Lloyd D. B. c. illus Airman 15:38-40 Jul '71

Safety MeasuresSee also

Flying Safety

Air safety--the benefits of PWIs (Proximity Warning Indicators). illus Govt Exec 3:26-27 Oct '71

Expediency. illus Approach 17:26-30 Sep '71

Two-flash thresholds as a function of comparison stimulus duration. Mark F. Lewis and Henry W. Mertens. illus Aerosp Med 42:393-395 Apr '71

Takeoff

See Airplanes--Landing and Takeoff

Testing

Lockspeiser LDA-01. illus Air Pict 33:373 Oct '71

Windshields

Vision loss from windshield tinting in a night visual flying accident. B.A.J. Clark. illus tabs Aerosp Med 42:190-195 Feb '71

Brazil

The Brazilian aircraft industry. Ronaldo S. Olive. illus tab Interavia 26:819-821 Jul '71

FranceHistory

Civil Goliaths--pioneer Farman airliners. Jean Liron. illus tabs Air Pict 33:24-25 Jan '71

Israel

Civil aviation in Israel. Arnold Sherman and Paul Giniwski. illus NATO's Fifteen Nations 16:74-77 Jun-Jul '71

Israel Aircraft Industries. Brian J. G. Davidson. illus Interavia 26:836-837 Jul '71

United StatesHistory

Charles Hampson Grant: Early bird--model builder--inventor--journalist--youth builder. Willis L. Nye. illus Am Avn Hist Soc J 16:204-211 Fall '71

The itinerant Sea Bird. Edward B. Oliver. illus Am Avn Hist Soc J 16:227-230 Fall '71

AIRPLANES, AMPHIBIOUSSee also

Seaplanes

United StatesHistory

The Consolidated PBY--Catalina to Canso. illus Am Avn Hist Soc J pts 1-2 (Address, Northeast Aero Historians Meeting, Ottawa, Oct 11, 1970) CAPT William E. Scarborough, Ret. 16:27-38, 113-123 Spring-Summer '71; pt 3, CAPT William E. Scarborough, Ret. 16:200-203 Fall '71; pt 4, Catalinas in the South Pacific. Allan Bovelt. 16:273-279 Winter '71

AIRPLANES, BOMBERCharacteristics

Soviet 'Backfire' strategic bomber revealed. illus tab Armed Forces J 109:23-24 Nov '71

Australia

Canberra at war with No. 2 Squadron, R.A.A.F. in Vietnam. J.W. Bennett. illus Air Pict 33:62-63 Feb '71

Russia

Backfire: Special report on the new Soviet strategic bomber. Edgar Ulsamer. illus AF Mag 54:35 Oct '71

New Soviet swing-wing bomber. Interavia 26:113-114 Feb '71

Soviet 'Backfire' strategic bomber revealed. illus tab Armed Forces J 109:23-24 Nov '71

United States

The B-1 bomber: Does American survival hinge on it? Interviews. MajGen Douglas T. Nelson and others. illus Govt Exec 3:53-54+ Oct '71

B-1--vital to nation's defense. (Address, Iron Gate Chapter, AFA, New York, Sep 14, 1971) MajGen Douglas T. Nelson. AF Ploy Ltr for Comdrs: Sup No. 11:2-9 Nov '71

Nimrod--king of the (Ho Chi Minh) Trail. Capt Michael J. C. Roth. illus AF Mag 54:30-34 Oct '71

History

Design development of the XB-36. Meyers Jacobson. illus (Also cutaways) Am Avn Hist Soc J pt 1, 15:224-235 Winter '70; pt 2, 16:124-130 Summer '71

AIRPLANES, BOMBER (SUPERSONIC)Design

Wonderbird of the Air Force. F. Michael O'Brien. illus Airman 15:38-39 Mar '71

AIRPLANES, CARGO see

Airplanes, Military Transport

Airplanes, Military Transport (Jet)

Airplanes, Transport (Jet)

AIRPLANES, EXPERIMENTAL see Aircraft, ExperimentalAIRPLANES, FAMOUS AND HISTORIC

The American Fokkers. Peter M. Bowers. illus Am Avn Hist Soc Jour pt 1, 11:79-92 Summer '66; pt 2, 11:253-265 Winter '66; pt 3, 12:174-188 Fall '67; pt 4, 16:188-195 Fall '71; pt 5, 16:252-262 Winter '71

Back from the bottom. (Recovery of F6F-3 Hellcat from ocean floor) LCDR Malcolm C. Bartels. illus US Nav Inst Proc 97:101-104 Nov '71

The Consolidated PBY--Catalina to Canso. illus Am Avn Hist Soc J pts 1-2 (Address, Northeast Aero Historians Meeting, Ottawa, Oct 11, 1970) CAPT William E. Scarborough, Ret. 16:27-38, 113-123 Spring-Summer '71; pt 3, CAPT William E. Scarborough, Ret. 16:200-203 Fall '71; pt 4, Catalinas in the South Pacific. Allan Bovelt. 16:273-279 Winter '71

Do 24 for preservation. illus Air Pict 33:411 Nov '71

The Douglas DC-2, a catalogue. Joseph W. Justin. illus tabs Am Avn Hist Soc J pt 1, Usage and disposition. 15:284-288 Winter '70; pt 2, Usage and disposition (continued). 16:105-110 Summer '71

AIRPLANES, FAMOUS AND HISTORIC - Continued

- FDR and the Guess Where II. Robert C. Mikesch. illus AF Mag 54:96-100 Feb '71
- 4th F(ighter) G(p) P-47 markings. Garry L. Fry. illus tabs Am Avn Hist Soc J 16:57-60 Spring '71
- History's high-flying hardware (at the Smithsonian National Air and Space Museum). MSgt Lloyd D. Brune. illus Airman 15:38-40 Jul '71
- In the hangar where time stands still. (AF Museum restoration division) Sgt Dave Cole. illus Airman 15:22-26 Sep '71
- The itinerant Sea Bird. Edward B. Oliver. illus Am Avn Hist Soc J 16:227-230 Fall '71
- Last flight of the Cactus Kid. Thurzal Q. Terry. illus AF Mag 54:76-80 Apr '71
- The Lockheed Orion 9D--an aircraft between the ages. Terrance A. Geer. illus (Also cutaway) tab Am Avn Hist Soc J 16:40-46 Spring '71
- Rebirth of an Italian legend (Ansaldo S. V. A. 9 airplane). illus map tab Am Avn Hist Soc J 16:231-241 Winter '71
- Rolls-Royce "Flying Bedstead." Elfan ap Rees. illus tab Air Pict 33:217 Jun '71
- Teething troubles with F4B-1--a new fighter joins the fleet. Jess C. Barrow. illus tab Am Avn Hist Soc J 16:98-104 Summer '71

AIRPLANES, FIGHTERCharacteristics

- A gallery of USAF weapons: The fighters. illus AF Mag 54:154-155 May '71
- I fly the T-38. Capt David R. (Rich) Croft and Robert W. Wickman. illus tab AF Mag 54:36-41 Aug '71
- Navy's F-14: Costly, but nothing else will do the job. Brooke Nihart. illus tabs Armed Forces J 109:40-44 Dec '71
- They call it 'SLUF'--Short, Little, Ugly Feller (A-7D). George Weiss. illus Armed Forces J 109:28-31 Dec '71

Combat Evaluation

- Harrier and Panavia 200--how the RAF decided. illus Intl Def Rev 4:286 Jun '71
- High angle of attack in the swingwing. Capt Stuart R. Boyd. illus Aerosp Safety 27:1-4 Aug '71
- War paint on a hornet-bird (A-7D). Sgt Dave Cole. illus Airman 15:3-8 Sep '71

Costs

- The F-5-21--some potential competition. Aerosp Intl 7:44 Jan-Feb '71

Design

- The thinking behind the MRCA. illus Air Pict 33:315 Sep '71

Landing and Takeoff

- An energy approach to landing. Don Stuck. illus tab Interceptor 13:5-8 Dec '71
- Fighters operating from non-paved strip. Capts N. Nedilko and V. Amelchenko. illus Soviet Mil Rev No. 4:22-23 Apr '71

AIRPLANES, FIGHTER - ContinuedLanding and Takeoff - Cont'd

- Ground effect. C.H. Vance. (Reprinted from F-5 Service News, Oct Quarter 1971) illus Aerosp Safety 27:16-17 Dec '71
- Landing fighter aircraft. Col Edward P. McNeff. illus Aerosp Safety 27:2-4 Jan '71
- Was I scared? Maj Roger T. Rhodes. illus Interceptor 13:13-15 Dec '71

Piloting

- The care & feeding of fighter pilots. (Reprinted from Airscoop Magazine, July-Aug 1971) illus Interceptor 13:12-13 Nov '71
- Gliding flight. C.H. Vance. illus Aerosp Safety 27:6-9 Mar '71
- Ground effect. C.H. Vance. (Reprinted from F-5 Service News, Oct Quarter 1971) illus Aerosp Safety 27:16-17 Dec '71
- High angle of attack in the swingwing. Capt Stuart R. Boyd. illus Aerosp Safety 27:1-4 Aug '71
- Pressing the attack can be hazardous! illus Approach 16:1-4 Feb '71
- Spinout. illus Approach 17:6-7 Jul '71

Testing

- The thinking behind the MRCA. illus Air Pict 33:315 Sep '71

Europe, Western

- Alpha Jet development phase beginning. illus (Also cutaways) Interavia 26:957-958 Aug '71
- Franco-German trainer/light strike aircraft projects. Terence E. Ford. illus tab Air Pict 32:319 Sep '70
- Jaguar and MRCA--a new look at the key RAF combat aircraft of the 'seventies. John W. R. Taylor. illus Royal Air Forces Qtr 10:254-261 Winter '70
- The Jaguar and the MRCA. J. P. Graham. Royal Air Forces Qtr 11:15-17 Spring '71
- Jaguar operational soon. R. Salvy. illus tabs Interavia 26:1406-1409 Dec '71
- MRCA--development goes ahead. illus tab Intl Def Rev 4:84-86 Feb '71
- MRCA--the bids roll in. Interavia 26:711 Jun '71
- Multi Role Combat Aircraft (MRCA). John Marriott. illus Armed Forces J 109:25-26 Oct '71
- Northrop's P-530/complementary to MRCA, not competitive. Armed Forces J 108:14 Mar 1 '71
- Panavia 200: Development has commenced. chart tab Interavia 26:148-150 Feb '71
- Radar-map matching in navigation and attack (for the MRCA). illus Interavia 26:709-710 Jun '71
- The thinking behind the MRCA. illus Air Pict 33:315 Sep '71
- Will Jaguar fulfil its export promise? Timothy Stephens. illus NATO's Fifteen Nations 16:57-61 Aug-Sep '71

France

- The Dassault Mirage family. M. J. Hardy. illus Air Pict 32:260-265 Aug '70

AIRPLANES, FIGHTER - ContinuedGermanyHistory

The American Fokkers. Peter M. Bowers. illus Am Avn Hist Soc Jour pt 1, 11:79-92 Summer '66; pt 2, 11:253-265 Winter '66; pt 3, 12:174-188 Fall '67; pt 4, 16:188-195 Fall '71; pt 5, 16:252-262 Winter '71

Hannover aircraft 1915-1919. Peter M. Grosz. illus (Also cutaway) Air Pict pt 1, 33:252-256 Jul '71; pt 2, 33:290-292+ Aug '71

Germany (Federal Republic)

Flight testing starts on the VAK 191B. Rolf Riccius. tab illus (Also cutaway) Interavia 26:1037-1039 Sep '71

More Phantoms for West Germany. Interavia 26:489 May '71

Great Britain

De Havilland Sea Vixen. Elfan ap Rees. illus tabs Air Pict 33:48-54 Feb '71

De Havilland Venom. Philip Birtles. illus tab Air Pict pt 1, Single-seaters in RAF service. 33:242-247 Jul '71; pt 2, Night-fighters and export machines. 33:281-283+ Aug '71

Harrier and Panavia 200--how the RAF decided. illus Intl Def Rev 4:286 Jun '71

Russia

Northrop's P-530/complementary to MRCA, not competitive. Armed Forces J 108:14 Mar 1 '71

To fly and fight. Maj Buddy Bowman. illus USAF Ftr Wpns NL No. 4:10-11+ Winter '70

Sweden

The SAAB 37 Viggin--a progress report. illus Interavia 26:74 Sep '71

United States

A-7D--weapons delivery in the manual mode. Capt John C. Morrissey. illus tabs USAF Ftr Wpns Rev No. 1:34-45 Spring '71

A-X award irks Cessna; Senate nips at TFX again. AF Times 31:17 Jan 6 '71

Air superiority into the 1980s. Gen John C. Meyer. illus AF Mag 54:42-45 Aug '71

Army reports helicopter success in Laos, Air Force skeptical. Brooke Nihart. Armed Forces J 108:24+ Apr 5 '71

The coming air-superiority fighter. Edgar Ulsamer. illus Aerosp Intl 7:42-44 Mar-Apr '71

Each U.S. Service has its own views on close air support. illus Interavia 26:1034 Sep '71

The F-5-21--some potential competition. Aerosp Intl 7:44 Jan-Feb '71

A gallery of USAF weapons: The fighters. illus AF Mag 54:154-155 May '71

I fly the T-38. Capts David R. (Rich) Croft and Robert W. Wickman. illus tab AF Mag 54:36-41 Aug '71

More Phantoms for West Germany. Interavia 26:489 May '71

The navigator in tactical strike aircraft. LtCol Everett H. Webster. illus Navigator 18, No. 3:1-5 '71

AIRPLANES, FIGHTER - ContinuedUnited States - Cont'd

The Northrop P530 Cobra. J. Philip Geddes. illus Interavia 26:226 Mar '71

Northrop's (P-530) Cobra faster than MiG. AF Times 32:21 Dec 8 '71

The requirement for a tactical air superiority fighter in the United States Air Force--now and in the 70s. Maj H. L. Kimsey. illus Hawk No. 31:51-55+ Feb '70

To fly and fight. Maj Buddy Bowman. illus USAF Ftr Wpns NL No. 4:10-11+ Winter '70

Costs

The coming air-superiority fighter. Edgar Ulsamer. illus Aerosp Intl 7:42-44 Mar-Apr '71

History

Air superiority into the 1980s. Gen John C. Meyer. illus AF Mag 54:42-45 Aug '71

Testing

Pilots eject safely after hydraulic problem on F-14 second flight 30 December. Armed Forces J 108:16 Jan 4 '71

AIRPLANES, GUNSHIP see GunshipsAIRPLANES, JET-PROPELLEDSee also

Airplanes, Military Transport (Jet)
Airplanes, Transport (Jet)

Fuels

JP4 lifeline to Asia. SMSgt David L. Mayhew. illus Airman 15:4-7 Feb '71

Europe, Western

The up-and-coming Alpha-Jet. Stefan Geisenheyner. illus Aerosp Intl 7:37-38+ May-Jun '71

United States

Helicopter or fixed wing? Both! Col Noah C. New. illus MarCor Gaz 55:25-30 May '71

AIRPLANES, LIGHTSee also

Airplanes in Agriculture
Airplanes in Business

General aviation at Le Bourget. illus Interavia 26:917-920 Aug '71

The light aircraft choice for 1971. Pictorial. Interavia 26:236-238 Mar '71

Characteristics

Technical data of some piston-engined light aircraft. Table only. Interavia 26:239-242 Mar '71

Up to date with the B(ritten)-N(orman) Islander. Ian H. Hunter. illus Air Pict 33:208-212 Jun '71

Design

Up to date with the B(ritten)-N(orman) Islander. Ian H. Hunter. illus Air Pict 33:208-212 Jun '71

Piloting

The military pilot and aero clubs. illus Interceptor 13:20-21 Feb '71

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New from down-under. The N2. illus Interavia 26:1310 Nov '71

Germany (Federal Republic)

Sportavia-Pützer light aircraft. illus tab Interavia 26:1225 Nov '71

Great Britain

Cessna 337 Super Skymaster. Richard Riding. illus Air Pict 33:384-386 Oct '71

The de Havilland Leopard Moth. James Hay Stevens. illus tab Air Pict 33:132-133 Apr '71

Taylor monoplane J. T. I. Michael Vines and David Davies. illus Air Pict 32:228-229 Jul '70

Up to date with the B(ritten)-N(orman) Islander. Ian H. Hunter. illus Air Pict 33:208-212 Jun '71

United States

New from Piper: Seneca and Turbo Navajo B. tabs illus Interavia 26:1111 Oct '71

History

The American Fokkers. Peter M. B. s. illus Am Avn Hist Soc Jour pt 1, 11:79-92 Summer '66; pt 2, 11:253-265 Winter '66; pt 3, 12:174-188 Fall '67; pt 4, 16:188-195 Fall '71; pt 5, 16:252-262 Winter '71

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also entries on U. S. military planes by model designation under the specific type, e.g.,
Airplane Type--C-5

The military aspect of the Paris Air Show. John Marriott. Armed Forces J 108:38-39 Jun 21 '71

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Armament

Armament. Col Robert L. Johnston, Ret. Regular feature in issues of Ordnance.

One man's opinion (on tactical reconnaissance needs). LtCol Cecil J. Poss. illus Tac Air Recon Dig 5:16-21 Feb '71

Arresting Gear

Aircraft arresting systems. TIG Brief 23:11 Apr 23 '71

Aircraft arresting systems. TIG Brief 23:5 Dec 3 '71

Arresting gear. illus Approach 17:23-26 Oct '71

The cold hard facts--two hook strengths: Design and yield (for F-106, F/RF-101, F/TF-102). Table only Interceptor 26: back cover Dec '71

Dragged down. illus Approach 17:10-13 Oct '71

Fighter aircraft recovery and the civil engineer. Maj Charles W. Profilet. illus chart AF Civil Eng 12:8-10 May '71

Let LtCol David L. Elliott illus Aerosp 27:27-30 Jul '71

AIRPLANES, MILITARY - ContinuedArresting Gear - Cont'd

Redundancy alone isn't enough. LtCol David L. Elliott. illus Aerosp Safety 27:4-5 Jan '71

Success story. Maj John F. Taylor. illus Aerosp Safety 27:2-4 Apr '71

Wrong-way arrestment. illus Approach 16:10-12 Jan '71

Brakes

Combat traction. illus Interceptor 13:2-16 Apr '71

An energy approach to landing. Don Stock illus tab Interceptor 13:5-8 Dec '71

"Hot wheels." Maj Edgar C. Leavenworth. illus Combat Crev 22:4-7 Feb '71

Canopies

In a real bind. illus Approach 17:34-35 Jul '71

Characteristics

A gallery of USAF weapons: The attack and observation aircraft. illus AF Mag 54:156-157 May '71

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

Cockpits

Effect of flash field size on flashblindness in an aircraft cockpit. William H. Cushman. illus tabs Aerosp Med 42:630-634 Jun '71

Ways to alarm pilots. Meredith Munns. tab Aerosp Med 42:731-734 Jul '71

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C-141 troop doors/ring grabbers. illus MAC Flyer 18:23 Mar '71

ELSIE (Emergency Life-Saving Instant Exit): A life-saver--instant plane door. illus AF Times 32:30 Aug 25 '71

ELSIE (Emergency Life Saving Instant Exit system). illus Aerosp Safety 27:8-9 Nov '71

Electrical Systems

Generator mystery brought to light. illus Approach 16:42-43 Jan '71

Emergency Procedures

Bailout over the mountains. illus Approach 16:26-31 Jun '71

The cold hard facts--two hook strengths: Design and yield (for F-106, F/RF-101, F/TF-102). Table only Interceptor 26: back cover Dec '71

Critical emergency procedures. TIG Brief 23:11 Apr 9 '71

Do it right the first time. illus Interceptor 13:16-17 Jun '71

AIRPLANES, MILITARY - ContinuedEmergency Procedures - Cont'd

- Don't spring the trap. illus Aerosp Safety 27:8-9 Feb '71
- ELSIE (Emergency Life-Saving Instant Exit): A life-saver--instant plane door. illus AF Times 32:30 Aug 25 '71
- ELSIE (Emergency Life Saving Instant Exit system). illus Aerosp Safety 27:8-9 Nov '71
- Four men out. illus Combat Crew 22:4-7 Aug '71
- Gliding flight. C.H. Vance. illus Aerosp Safety 27:6-9 Mar '71
- High angles of attack. Capt Stuart R. Boyd. illus Combat Crew 22:8-11+ Aug '71
- "Hot wheels." Maj Edgar C. Leavenworth. illus Combat Crew 22:4-7 Feb '71
- "It'll probably be all right." Maj Ronald B. Weinert. (Reprinted from Interceptor, July 1966) illus Interceptor 13:24-27 Jul '71
- It's easy on Monday. illus Aerosp Safety 27:2-5 Mar '71
- Plan B. illus Aerosp Safety 27:12-13 Sep '71
- Strong hands for a limping lady. illus Approach 16:36-37 Apr '71
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- Under pressure. illus Approach 16:36-37 May '71
- Was I scared? Maj Roger T. Rhodes. illus Interceptor 13:13-15 Dec '71
- A wing and a prayer. illus Approach 16:40-45 Jun '71
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- Inadvertent engine shutdowns at low altitude. illus Approach 16:1-3 May '71
- To trim or not to trim--that is the question. Oliver C. Carlisle. illus Combat Crew 22:12-14 Sep '71

Equipment

- Don't spring the trap. illus Aerosp Safety 27:8-9 Feb '71
- Pilots--meet AIMS. Maj L.S. Franscini. illus Aerosp Safety 27:14-16 Feb '71

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- F-4 tail section fires. illus Approach 16:18-19 Jun '71

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- Don't spring the trap. illus Aerosp Safety 27:8-9 Feb '71
- F-4 tail section fires. illus Approach 16:18-19 Jun '71
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- Gliding flight. C.H. Vance. illus Aerosp Safety 27:6-9 Mar '71
- Miss management (of flight fuel supply). USA Avn Dig 17:42-45 Oct '71
- T-bird flameouts. Maj David H. Hook. illus Aerosp Safety 27:18-20 Apr '71

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- Watch those dents (in high pressure fuel tubes). Harvie L. Glenn and Gary O'Neal. illus Aerosp Safety 27:18 Aug '71

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- Packaging for assembled external aircraft fuel tanks. TIG Brief 23:11 Oct 8 '71

Fuels

- Base fuels management. TIG Brief 23:11 May 7 '71
- Fuel exhaustion. illus Approach 16:1-7 Mar '71
- JP4 lifeline to Asia. SMSgt David L. Mayhew. illus Airman 15:4-7 Feb '71
- Lifeblood at U-Tapao Airfield, Thailand--pacesetter for the future. Capt James G. Smith, Jr. illus AF Civil Engr 12:18-20 May '71
- No more bum gas. illus Interceptor 13:22-23 Aug '71
- 'A 1,000 gallons, please--and charge it!' Avfuel now purchased with credit cards. Mildred M. Hanson. illus AF Compt 5:13 Mar '71

- Petroleum--a monumental task in the U. S. Air Force. LtCol Clifford D. Price. illus Review 50:31 Jan-Feb '71

- Refueling of "Project TERRMS" (Test and Evaluation of Revised Resource Management Systems) aircraft. TIG Brief 23:15 Jun 4 '71

- Your weight is in the balance. illus Interceptor 13:16-19 Mar '71

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- Aircraft damaged by ground support equipment. tabs Approach 17:38-41 Jul '71

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- How to handle teflon hose. H.M. Cooke. illus Aerosp Safety 27:26-27 Oct '71

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- How do you react to ice? illus tab MAC Flyer 18:18-21 Nov '71

- I've got trouble (airplane icing). illus Approach 17:36-38 Nov '71

- Uneasy rider. illus Approach 16:14-15 Apr '71

- Winter weather briefing. Capt John S. Bohlson and 1stLt Larry N. Baker. illus Combat Crew 22:8-9 Oct '71

Identification

- AIMS (Air traffic control radar beacon, Identification, friend or foe, Mark XII Systems). illus Interceptor 13:22-24 Apr '71

- Identification letters--U.S. Navy & Marine Corps air units. Duane A. Kasulka. illus tabs Am Avn Hist Soc J 16:294-302+ Winter '71

- Research project 7029--USAF tail codes. Frederick W. Roos. illus tabs Am Avn Hist Soc J 16:72-76 Spring '71

Insignia

- Corsairs in Reserve. Jim Sullivan. illus Am Avn Hist Soc J 16:164-169 Fall '71

- Identification letters--U.S. Navy & Marine Corps air units. Duane A. Kasulka. illus tabs Am Avn Hist Soc J 16:294-302+ Winter '71

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Insignia--Wheeler Field, TH (Territory of Hawaii) c1934. illus Am Avn Hist Soc J 16:86-87 Summer '71

The RAF and its aircraft, with notes on current colour schemes and insignia. J.D.R. Rawlings and Richard Leask Ward. illus Air Pict 33:322-334 Sep '71

USN and USMC Intruder markings. Kurt H. Miska. illus tabs Am Avn Hist Soc J 16:79-86 Summer '71

History

4th F(ighter) G(p) P-47 markings. Garry L. Fry. illus tabs Am Avn Hist Soc J 16:57-60 Spring '71

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Save 5 minutes--lose 1 aircraft. illus Aerosp Safety 27:24-25 Jan '71

Instruments

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Interception

Why the rocket beam? Capt Raymond T. Klosowski. illus Interceptor 13:20-21 Apr '71

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Aircraft arresting systems. TIG Brief 23:5 Dec 3 '71

Base operations. TIG Brief 23:22 Mar 12 '71

Bye, bye, birdie. illus Approach 16:14-15 Jan '71

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Full stop...on the go. illus Interceptor 13:16-19 Jul '71

Gliding flight. C.H. Vance. illus Aerosp Safety 27:6-9 Mar '71

"Hot wheels." Maj Edgar C. Leavenworth. illus Combat Crew 22:4-7 Feb '71

It's easy on Monday. illus Aerosp Safety 27:2-5 Mar '71

The landing problem--helicopter vs airplane. illus tab MAC Flyer 18 17-21 Feb '71

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Predicting the quality of pilot landing performance during night carrier recovery. C.A. Britson and others. tabs Aerosp Med 42:16-19 Jan '71

Short landings. illus Aerosp Safety 27:14-15 Aug '71

Strong hands for a limping lady. illus Approach 16:36-37 Apr '71

Success story. Maj John T. Taylor. illus Aerosp Safety 27:2-4 Apr '71

Throw a nickel on the grass. (Teaching angle of attack) Maj Paul S. Lasen. illus Aerosp Safety 27:6-8 Oct '71

Under pressure. illus Approach 16:36-37 May '71

Visual illusions. LtCol Donald G. Pitts, Ret. (Condensed from USAF Medical Service Digest, Sep 1969; reprinted from Interceptor, Dec 1970) illus USA Avn Dig 17:16-21 May '71

Wheels-up landings on purpose. illus tab Approach 17:1-7 Oct '71

When you get a funny feeling on final. Approach 17:40-42 Sep '71

Which way the wind? illus MAC Flyer 18:24-26 Jun '71

Who put the gear down? illus USA Avn Dig 17:50-53 Jul '71

A wing and a prayer. illus Approach 16:40-45 Jun '71

Wrong-way arrestments. illus Approach 16:10-12 Jan '71

Your weight is in the balance. illus Interceptor 13:16-19 Mar '71

Equipment

MADGE (Microwave Aircraft Digital Guidance Equipment) system. Armed Forces J 109:21 Dec '71

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C-141 landing gear malfunction. CMSgt John T. Kosakoski. illus (Also cutaways) MAC Flyer pt 1, 17:4-7 Dec '70; pt 2, 18:8-12 Jan '71

Double jeopardy. illus Approach 16:10-13 Apr '71

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Wheels-up landings on purpose. illus tab Approach 17:1-7 Oct '71

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A wing and a prayer. illus Approach 16:40-45 Jun '71

Your weight is in the balance. illus Interceptor 13:16-19 Mar '71

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Back-breaking efforts regain cargo pallets. Sgt John H. Mueller. AF Times 31:18 Jan 6 '71

Maintenance and Repair

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Fiberglass used in interceptor design studies. AF Times 32:40 Nov 24 '71

Modifications

ADC's F-106s due new modifications. AF Times 31:28 Feb 24 '71

C-119 units saved, converted to C-130s. AF Times 31:4 Jan 13 '71

German Phantoms. Alan W. Hall. illus Air Pict 33:278-279 Aug '71

Gloster G. 44 Reaper. Elfan ap Rees. illus tab Air Pict 33:293 Aug '71

Wright-Patterson (AFB, Ohio) shop produces odd aircraft. AF Times 31:32 Apr 28 '71

Names

Names and the B-36. Meyers K. Jacobsen. illus Am Avn Hist Soc J 16:186-187 Fall '71

Piloting

Authority of the pilot. illus Approach 16:6-8 Jun '71

Don't get caught short or long. (Timing on a bomb run) Maj Charles S. Wittmaack. illus Navigator 18, No. 3:12-15 '71

The eyes of the fleet. CDR J.E. Wise, Jr. (Reprinted from Naval Aviation News, July 1971) illus Tac Air Recon Dig 5:12-19 Jun '71

How to handle large turns. 1stLt Richard H. Hobbie. illus tabs Navigator 18, No. 3:25-27 '71

Time for a station check. LtCol Maurice E. Dart. illus Combat Crew 22:16-17 Sep '71

Time plot. LtCol Layton C. Tuggle. illus Navigator 18, No. 3:7-9 '71

Vortex wake turbulence. Richard K. Bell and Arnold R. Lambert. (Adapted from Aerospace Safety, Aug 1970 and FAA Aviation News, March 1971) illus USA Avn Dig 17:58-63 Aug '71

Power PlantsSee also

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In-Flight Refueling

Aircraft refueling at commercial airports. TIG Brief 23:17 Aug 27 '71

Fuel servicing controls. Maj Dwight Brown, Jr. illus Aerosp Safety 27:26-27 May '71

Lifeblood at U-Tapao Airfield, Thailand--pacesetter for the future. Capt James G. Smith, Jr. illus AF Civil Engr 12:18-20 May '71

No more bum gas. illus Interceptor 13:22-23 Aug '71

AIRPLANES, MILITARY - ContinuedReliability

Air Force (fly-before-you-buy) policy letter. Robert C. Seamans, Jr. Elect Warfare 3:10 Convention Issue '71

Restoration

In the hangar where time stands still. (AF Museum restoration division) Sgt Dave Cole. illus Airman 15:22-26 Sep '71

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C-141 troop doors/ring grabbers. illus MAC Flyer 18:23 Mar '71

Combat traction. illus Interceptor 13:8-10 Apr '71

ELSIE (Emergency Life-Saving Instant Exit): A life-saver--instant plane door. illus AF Times 32:30 Aug 25 '71

ELSIE (Emergency Life Saving Instant Exit system). illus Aerosp Safety 27:8-9 Nov '71

The extension. LtCol F.E. Thompson. illus MAC Flyer 18:10-13 Feb '71

Fire! Everyone out! illus Approach 17:22-23 Dec '71

Misguided missiles. (Unsecured items in aircraft) illus Approach 17:12-13 Dec '71

Protecting the man in the cockpit. TIG Brief 23:5-6 Dec 31 '71

Re-evaluation of emergency pressurization requirements for brief flights above 50,000 feet. Charles L. Wilson. illus tabs Aerosp Med 42:183-185 Feb '71

The sky is falling. (Dropped object) illus tab MAC Flyer 18:12-15 Nov '71

Their no. 1 job: Care of man--SPO's at Wright-Patterson work to give aircrews comfort and safety in flight. illus AF Times 31:28 Jan 13 '71

Unlawful carrying/shipping of explosives on passenger aircraft. TIG Brief 23:10 Oct 8 '71

Unwanted tools. Capt Larry J. Marty. illus USA Avn Dig 17:4-5 Aug '71

Speed

An energy approach to landing. Don Stuck. illus tab Interceptor 13:5-8 Dec '71

Stalling

Don't stall! illus Approach 16:4-6 May '71

Tails

F-4 tail section fires. illus Approach 16:18-19 Jun '71

Identification letters--U.S. Navy & Marine Corps air units. Duane A. Kasulka. illus tabs Am Avn Hist Soc J 16:294-302+ Winter '71

Research project 7029--USAF tail codes. Frederick W. Roos. illus tabs Am Avn Hist Soc J 16:72-76 Spring '71

TakeoffSee Airplanes, Military--Landing and TakeoffTesting

New simulator tests aircraft. Armed Forces J 108:22 Jun 7 '71

AIRPLANES, MILITARY - ContinuedTesting - Cont'd

Wright-Patterson (AFB, Ohio) shop produces odd aircraft. AF Times 31:32 Apr '71

Tires

Base operations. TIG Brief 23:22 Mar '71

C-141 tires--bridging the gap between rim and runway. illus MAC Flyer 18:18-19 May '71

Retreads: More reliable the second time around. Adaptation. Robert H. Hout. illus Interceptor 13:5-7 Sep '71

Maintenance and Repair

About tires. illus Aerosp Safety 27:18-20 Sep '71

Preventing aircraft tire failure. TIG Brief 23:20 Jun '71

The simple time-consuming chore of servicing tires. illus Aerosp Safety 27:18-19 Jan '71

Tracking

See Airplanes, Military--Identification

Weight

An energy approach to landing. Don Stuck. illus tab Interceptor 13:5-8 Dec '71

Windshields

Laminated glass windshield panels. illus Approach 16:18-23 Apr '71

Wings

New Soviet swing-wing bomber. Interavia 26:113-114 Feb '71

Europe, Western

The ten years of the Starfighter--backbone of Europe's mach two air strength. B. van der Klaauw. illus NATO's Fifteen Nations 16:76-83 Feb-Mar '71

Germany

Luftwaffe at Zürich, 1937. Pictorial. John F. Brindley. Air Pict 33:56-57 Feb '71

Germany (Federal Republic)Study and Teaching

German Phantoms. Alan W. Hall. illus Air Pict 33:278-279 Aug '71

Great Britain

The Air Force goes to sea. John W. R. Taylor. illus Royal Air Forces Qtr 11:89-95 Summer '71

Britain's maritime aircraft sales in trouble. John Marriott. Armed Forces J 108:19 May '71

From a good stable. WgComdr A. G. T. James, Ret. illus Royal Air Forces Qtr 11:19-23 Spring '71

Gloster G. 44 Reaper. Elfan ap Rees. illus tab Air Pict 33:293 Aug '71

Jaguar and MRCA--a new look at the key RAF combat aircraft of the 'seventies. John W. R. Taylor. illus Royal Air Forces Qtr 10:254-261 Winter '70

The Jaguar and the MRCA. J. P. Graham. Royal Air Forces Qtr 11:15-17 Spring '71

The RAF and its aircraft, with notes on current colour schemes and insignia. J. D. R. Rawlings and Richard Leask Ward. illus Air Pict 33:22-33 Sep '71

AIRPLANES, MILITARY - ContinuedGreat Britain - Cont'dHistory

The Bristol Beaufort. Michael J. F. Bowyer. illus tab Air Pict pt 1, Design, development and production. 32:400-405 Nov '70; pt 2, Front-line service. 32:440-445 Dec '70

The G. 4/31 contenders (tested at Aeroplane and Armament Experimental Establishment, Martlesham Heath, in the 1920's and 1930's) T. Mason. illus tab Air Pict 33:376-379 Oct '71

The Queen Wasp paradox. Bruce Robertson. illus Air Pict 32:122 Apr '70

Israel

Israeli aerial refueling capability blow to Arab air strategy. Brooke Nihart. illus Armed Forces J 108:15-16 Feb '71

Japan

The Japanese aircraft industry. James Hay St. illus (Also cutaway) Air Pict 33:360-366 Oct '71

SpainHistory

Spanish Civil War. S. James. illus tabs Air Pict 33:139-140 Apr '71

United States

AFSC: Foundation for the Air Force. Interview. Gen George S. Brown. illus AF Mag 54:40-45 Apr '71

Air Guard units begin upgrading. AF Times 31:15 Feb '71

Aircraft 'too old' (says LtGen Alvan C.) Gillem. AF Times 32:19 Dec '71

Base-level aircraft utilization reports. TIG Brief 23:13 Jan '71

A gallery of USAF weapons: The attack and observation aircraft. illus AF Mag 54:156-157 May '71

A gallery of USAF weapons: The utility and experimental aircraft. illus AF Mag 54:163+ May '71

A generation of progress! New F-4 & C-5 missions for the Guard and Reserve. Col Frank Martineau. illus Air Reservist 23:8-9 May-Jun '71

Helicopter or fixed wing? Both! Col Noah C. New. illus MarCor Gaz 55:25-30 May '71

Marine Aviation in Vietnam, 1962-1970. LtGen Keith B. McCutcheon. illus maps tabs US Nav Inst Proc 97:122-155 May '71

'New Navy' stresses smaller, faster hard hitting warships, new-type aircraft. Editorial. John G. Norris. illus Navy 14:6-7 Mar '71

History

The American Fokkers. Peter M. Bowers. illus Am Avn Hist Soc Jour pt 1, 11:79-92 Summer '66; pt 2, 11:253-265 Winter '66; pt 3, 12:174-188 Fall '67; pt 4, 16:188-195 Fall '71; pt 5, 16:252-262 Winter '71

A Corsair pilot reminisces. CDR Guy P. Bordelon, Ret. illus Approach 16:40-43 May '71

Corsairs in Reserve. Jim Sullivan. illus Am Avn Hist Soc J 16:164-169 Fall '71

The first 59 (military airplanes). Robert Casari. illus tabs Am Avn Hist Soc J 16:1-17 Spring '71

AIRPLANES, MILITARY - ContinuedUnited States - Cont'dHistory - Cont'd

An old airplane (C-47) in a new war. J. L. Cole illus
Aerosp Hist 18:71-74 Jun '71

Teething troubles with F4B-1--a new fighter joins
the fleet. Jess C. Barrow. illus tab Am Avn Hist
Soc J 16:98-104 Summer '71

Vietnam (Republic)

Vietnam's first aircraft constructed--by hand. TSgt
Ed Rutledge. illus AF Times 32:53 Sep 1 '71

AIRPLANES, MILITARY TRANSPORTCharacteristics

A gallery of USAF weapons: The cargo planes. illus
AF Mag 54:158-160 May '71

United States

A gallery of USAF weapons: The cargo planes. illus
AF Mag 54:158-160 May '71

A look at airlift in the mid-'70s: Services will face
problems. George Weiss. illus tabs Armed
Forces J 108:28-31 Apr 5 '71

AIRPLANES, MILITARY TRANSPORT (JET)United States

A gallery of USAF weapons: The cargo planes. illus
AF Mag 54:158-160 May '71

AIRPLANES, RECONNAISSANCE

High spies--the story of the U-2 and other high-flying
reconnaissance aircraft. Victor Flinham. illus
Air Pict pt 1, 33:214-216 Jun '71; pt 2, 33:258-
260 Jul '71

Germany (Federal Republic)

German Phantoms. Alan W. Hall. illus Air Pict
33:278-279 Aug '71

United States

ANG's new cameras on wings, the RF-4C. illus Air
Reservist 23:10-11 May-Jun '71

German Phantoms. Alan W. Hall. illus Air Pict
33:278-279 Aug '71

Hawk in the sky. Maj James M. Boone. (Reprinted
from United States Army Aviation Digest, Sep
1970) illus Tac Air Recon Dig 5:10-15 Feb '71

High spies--the story of the U-2 and other high-flying
reconnaissance aircraft. Victor Flinham. illus
Air Pict pt 1, 33:214-216 Jun '71; pt 2, 33:258-
260 Jul '71

Navy very high altitude ocean surveillance aircraft
feasible. illus Armed Forces J 108:18 May 17 '71

One man's opinion (on tactical reconnaissance needs).
LtCol Cecil J. Poss. illus Tac Air Recon Dig 5:
16-21 Feb '71

SR-71 at Mach 3.0 cruise. Col Patrick J. Halloran.
illus tab AF Mag 54:62-64+ Sep '71

AIRPLANES, SUBMERSIBLE see Submersible VehiclesAIRPLANES, SUPERSONICSee also

Airplanes, Bomber (Supersonic)
Airplanes, Transport (Supersonic)

AIRPLANES, SUPERSONIC - ContinuedUnited States

SR-71 at Mach 3.0 cruise. Col Patrick J. Halloran.
illus tab AF Mag 54:62-64+ Sep '71

AIRPLANES, TARGET see Targets, AerialAIRPLANES, TRAINERCharacteristics

A gallery of USAF weapons: The trainers. illus AF
Mag 54:161 May '71

Europe, Western

Anglo-Italian collaboration on trainer aircraft? Intl
Def Rev 4:113 Apr '71

Franco-German trainer/light strike aircraft projects.
Terence E. Ford. illus tab Air Pict 32:319 Sep '70

Will Jaguar fulfil its export promise? Timothy
Stephens. illus NATO's Fifteen Nations 16:57-61
Aug-Sep '71

Great Britain

Vickers Varsity--all-round trainer for RAF aircrews
for twenty years. J. D. R. Rawlings. illus tabs Air
Pict 33:172-176 May '71

United States

A gallery of USAF weapons: The trainers. illus AF
Mag 54:161 May '71

I fly the T-38. Capts David R. (Rich) Croft and Robert
W. Wickman. illus tab AF Mag 54:36-41 Aug '71

What happened to the T-38--trainer aircraft accidents
in 1970. LtCol Larry T. Cooper. illus Aerosp
Safety 27:20-21 May '71

AIRPLANES, TRANSPORT (JET)

The airfreightage of airmail. illus Interavia 26:37
Jan '71

Characteristics

Transonic transport developments. (From address,
12th Anglo-American Aeronautical Conference,
Calgary, Canada, July 7-9, 1971) Lloyd T. Good-
manson. illus tab Interavia 26:1386-1388 Dec '71

Ground-Support Equipment

Automatic cargo sorting Lufthansa style. illus (Also
cutaway with scale plan) Interavia 26:38-39 Jan '71

The jumbo jet cargo handling tangle. J. Philip Geddes.
illus Interavia 26:34-36 Jan '71

Australia

New from down-under: The NZ. illus Interavia 26:
1310 Nov '71

Qantas and introduction of the 747. Max Nibloe. illus
Interavia 26:1256-1258 Nov '71

Brazil

Plans for a new Brazilian transport: The EMB 500.
Ronaldo S. Olive. illus Interavia 26:251 Mar '71

Europe, Western

Concorde: Work for 50,000 people. (Interview with
Henri Ziegler) illus tab Interavia 26:523-524
May '71

Formation of Airbus Industrie. Interavia 26:111
Feb '71

AIRPLANES, TRANSPORT (JET) - ContinuedEurope, Western - Cont'd

In 18 months: First flight of the European Airbus.
map tabs illus (Also cutaways) Interavia 26:371-
376 Apr '71

France

Mercure readied for first flight. illus Interavia 26:
252-253 Mar '71

Sud Caravelle--first of the rear-engined airliners.
M.J.Hardy. illus tabs Air Pict 33:152-158 May '71

Germany (Federal Republic)

VFW 614 nears first flight. illus Interavia 26:691
Jun '71

Testing

The VFW 614 flight test programme. illus Interavia
26:1040-1041 Sep '71

Great Britain

BAC's commercial aircraft prospects. illus tab
Air Pict 33:380-383 Oct '71

The Britten-Norman Defender--a light multi-purpose
aircraft for government/military service. Derek
Wood. tab illus (Also cutaways) Intl Def Rev 4:
148-149 Apr '71

Decision on BAC. 311--at last. illus Interavia 26:22
Jan '71

The Short Skyvan. M.J.Hardy. illus tabs Air Pict
32:224-228 Jul '70

The VC 10 and BAC One-Eleven flight control and
landing systems. illus Interavia 26:1306-1308
Nov '71

United States

Boeing 747 certificated for Cat III. illus Interavia
26:1303-1305 Nov '71

Boeing studies 747 for use by military. AF Times
32:21 Dec 8 '71

Boeing's superjet (747): The first year in service.
illus Interavia 26:684-687 Jun '71

European Sabreliner sales effort. illus Interavia 26:
155 Feb '71

Evolution of a transport--the growth of the DC-10.
J. Philip Geddes. illus tabs Interavia 26:389-393
Apr '71

Lockheed wide-body jet market analysis. illus
Interavia 26:894-896 Aug '71

More than just an aircraft: The Cessna Citation.
illus Interavia 26:1060-1061 Sep '71

NASA funds study for new SST design. Armed
Forces J 108:19-20 May 3 '71

Operating a fleet of executive jets as business tools.
J. Philip Geddes. illus tab Interavia 26:1062-1063
Sep '71

Outlook for the 747 programme. Interavia 26:114
Feb '71

The progress of the L-1011. Aerosp Intl 7:37
Jan-Feb '71

Qantas and introduction of the 747. Max Nibloe. illus
Interavia 26:1256-1258 Nov '71

Report of a rapid decompression of a Boeing 707.
Sean O'Quigley. illus Aerosp Med 42:1229-1230
Nov '71

AIRPLANES, TRANSPORT (JET) - ContinuedUnited States - Cont'd

Transonic transport developments. (From address,
12th Anglo-American Aeronautical Conference,
Calgary, Canada, July 7-9, 1971) Lloyd T. Good-
manson. illus tab Interavia 26:1386-1388 Dec '71

Where is Boeing going? illus Interavia 26:1312-1313
Nov '71

AIRPLANES, TRANSPORT (SUPERSONIC)

The airline industry and its profitless growth. Edgar
E. Ulsamer. illus Aerosp Intl 7:6-10 Jan-Feb '71

Sonic boom and the supersonic transport. Maj Richard
M. Roberds. illus AU Rev 22:25-33 Jul-Aug '71

Europe, Western

Concorde--flight-test results and a fresh look at the
"Great Bird." illus Air Pict 33:130-132 Apr '71

Concorde progress brought up to date. illus tab
Interavia 26:1012-1013 Sep '71

Studies of Concorde's characteristics: Action against
aircraft noise. illus Interavia 26:1378-1379 Dec '71

Testing

André Turcat on Concorde testing. illus Interavia 26:
153-154 Feb '71

Expanding Concorde's test envelope. D.H. Chopping.
illus tabs Interavia 26:1323-1324 Nov '71

Great Britain

BAC's commercial aircraft prospects. illus tab
Air Pict 33:380-383 Oct '71

United States

Boeing SST work halted. Interavia 26:486-487 May '71

Challenge to technology. Edward G. Uhl. illus Ord-
nance 56:32-34 Jul-Aug '71

More debaters join SST hassle. AF Times 31:18
Mar 10 '71

NASA funds study for new SST design. Armed
Forces J 108:19-20 May 3 '71

The SST threat to the environment: Facts or guess-
work? illus Interavia 26:813-815 Jul '71

The U.S.--still in the SST picture? Edgar E. Ulsamer.
illus Aerosp Intl 7:25-26+ May-Jun '71

Costs

House kills SST funds. AF Times 31:3 Mar 31 '71

The U.S.--still in the SST picture? Edgar E. Ulsamer.
illus Aerosp Intl 7:25-26+ May-Jun '71

AIRPLANES, V/STOL

VTOL avionics systems. D.J. Mayes. illus Interavia
26:72-73 Jan '71

Characteristics

AV-8A, Harrier. illus Approach 17:18-23 Jul '71

The Bertin Aladin II STOL transport. illus tab Inter-
avia 26:115 Feb '71

STOL operations to increase airport capacity: A
British view. illus tab Interavia 26:1180-1181
Oct '71

Design

Opposition to U.S. STOL research funding. Interavia
26:659-660 Jun '71

AIRPLANES, V/STOL - ContinuedEquipment

V/STOL controls and displays. R.W.Howard. illus
(Also cutaway) Interavia 26:144-146 Feb '71

Canada

Canada going for intercity STOL. D.H.Chopping.
illus (Also cutaway) tab Interavia 26:688-690
Jun '71

STOL development urged in Canada, UK. Interavia
26:112-113 Feb '71

France

The Bertin Aladin II STOL transport. illus tab Inter-
avia 26:115 Feb '71

The role of V/STOL in civil aviation. A. Bridenne.
illus tab Interavia 26:1177-1178 Oct '71

Germany (Federal Republic)

Flight testing starts on the VAK 191B. Rolf Riccius.
tab illus (Also cutaway) Interavia 26:1037-1039
Sep '71

Great Britain

AV-8A, Harrier. illus Approach 17:18-23 Jul '71

BAC's commercial aircraft prospects. illus tab
Air Pict 33:380-383 Oct '71

The Britten-Norman Defender--a light multi-purpose
aircraft for government/military service. Derek
Wood. tab illus (Also cutaways) Intl Def Rev 4:
148-149 Apr '71

First Harriers delivered to Marines. Armed Forces J
108:17+ Jan 18 '71

Harrier and Panavia 200--how the RAF decided. illus
Intl Def Rev 4:286 Jun '71

Harrier in the U.S. Marine Corps. illus Interavia
26:1035-1036 Sep '71; Intl Def Rev 4:434-435
Oct '71

Operational V/STOL. Derek Wood. illus Intl Def Rev
3:206-207 Jun '70

STOL development urged in Canada, UK. Interavia
26:112-113 Feb '71

STOL operations to increase airport capacity: A
British view. illus tab Interavia 26:1180-1181
Oct '71

What every Marine should know about Harrier--an
explanation about a giant step into the V/STOL
era. LtCol J.R. Braddon. illus MarCor Gaz 55:
20-24 May '71

History

Rolls-Royce "Flying Bedstead." Elfan ap Rees. illus
tab Air Pict 33:217 Jun '71

Sweden

The SAAB 37 Viggin--a progress report. illus Inter-
avia 26:74 Sep '71

United States

AV-8A, Harrier. illus Approach 17:18-23 Jul '71

American Airlines investigates STOLports. illus
Interavia 26:1179 Oct '71

American thoughts on STOL based on the views of
American and Eastern Airlines. illus Interavia
26:1172 Oct '71

Bum dope ("Report on Close Air Support Aircraft:
The A-X, Harrier, and Cheyenne") and a stacked
deck on close air support. Benjamin F.
Schemmer. Armed Forces J 109:39-40 Oct '71

AIRPLANES, V/STOL - ContinuedUnited States - Cont'd

Close air support for the U.S. Armed Forces. illus
Intl Def Rev 4:433 Oct '71

Each U.S. Service has its own views on close air
support. illus Interavia 26:1034 Sep '71

First Harriers delivered to Marines. Armed Forces J
108:17+ Jan 18 '71

For U.S. short-haul: Turboprop or fanjet STOL?
Edgar Ulsamer. illus Aerosp Intl 7:50-52 Mar-
Apr '71

Harrier in the U.S. Marine Corps. illus Interavia
26:1035-1036 Sep '71; Intl Def Rev 4:434-435
Oct '71

Opposition to U.S. STOL research funding. Interavia
26:659-660 Jun '71

Packard personally heads new group to resolve inter-
Service close support. Benjamin F. Schemmer.
Armed Forces J 108:19 Mar 15 '71

Pegasus jets for Marine Harriers assured despite
Rolls-Royce troubles. Armed Forces J 108:16
Feb 15 '71

What every Marine should know about Harrier--an
explanation about a giant step into the V/STOL
era. LtCol J.R. Braddon. illus MarCor Gaz 55:
20-24 May '71

AIRPLANES IN AGRICULTURE

Implication of organophosphate pesticide poisoning
in the plane crash of a duster pilot. W. Wood and
others. illus Aerosp Med 42:1111-1113 Oct '71

New technology for Mexico. illus Interavia 26:947-948
Aug '71

AIRPLANES IN BUSINESS

The advantages of jet aircraft leasing. illus Inter-
avia 26:1059 Sep '71

At NBAA--waiting for the upturn. J. Philip Geddes.
illus Interavia 26:1320-1322 Nov '71

Business aviation in Europe. illus Interavia 26:1057
Sep '71

More than just an aircraft. The Cessna Citation.
illus Interavia 26:1060-1061 Sep '71

Operating a fleet of executive jets as business tools.
J. Philip Geddes. illus tab Interavia 26:1062-1063
Sep '71

Characteristics

Technical data of some business jets. Table only.
Interavia 26:1068-1069 Sep '71

Technical data of some turboprop business aircraft.
illus tab Interavia 26:1065-1066 Sep '71

AIRPLANES IN COUNTERINSURGENCY see COIN Air-
craftAIRPLANES IN FIRE FIGHTING

Airborne Smokey--stay out of his way. illus Aerosp
Safety 27:10-11 Sep '71

Real "brush fire" war for air power? Armed Forces J
108:20 Jun 7 '71

AIRPLANES IN MEDICAL SERVICE

Aeromedical transportation and general aviation.
Harry L. Gibbons and Carl Fromhagen. tab
Aerosp Med 42:773-779 Jul '71

AIRPLANES IN RESCUE WORK

Alaskan air rescue center saves lives in wilderness.
Ruth Chandler. AF Times 31:18 Jan 20 '71

AIRPORTSSee alsoAirstrips

Aeromedical and human factors aspects of airports.
International Quarantine, Airport Medical Service
and Flight Sanitation Subcommittee. tabs Aerosp
Med 42:439-448 Apr '71

Epidemiological aspects of airport medicine. J. G.
Constantino. Aerosp Med 42:456-460 Apr '71

STOL operations to increase airport capacity. A
British view. illus tab Interavia 26:1180-1181
Oct '71

Design

Equipment for the interface. illus Interavia 26:398-
401 Apr '71

Equipment

Equipment for the interface. illus Interavia 26:398-
401 Apr '71

Landing Aids

The Gordian knot. illus Interavia 26:933 Aug '71

Success story. Maj John T. Taylor. illus Aerosp
Safety 27:2-4 Apr '71

Visual illusions. LtCol Donald G. Pitts, Ret. (Con-
densed from USAF Medical Service Digest, Sep
1969; reprinted from Interceptor, Dec 1970)
illus USA Avn Dig 17:16-21 May '71

Statistics

Airports in the transport system. H. Diehl. Interavia
26:83-85 Jan '71

France

Disaster planning at major airports. Georges P.
Bergot. illus tabs Aerosp Med 42:449-455 Apr '71

Great Britain

Roskill Commission report raises the question: Does
London need another airport? map Interavia 26:
249 Mar '71

Kuwait

Dubai International Airport. Derek Wood. illus
Interavia 26:1076 Sep '71

Netherlands

Schiphol Airport air traffic control for the seventies.
illus map Interavia 26:138-139 Feb '71

United States

Airlines--a cure for chewing up. illus Govt Exec 3:16
Feb '71

American Airlines investigates STOLports. illus
Interavia 26:1179 Oct '71

Dow (AFB, Maine) pullout in '68 spurs busy jet port.
AF Times 31:13 Jan 13 '71

New York airports' capacity problems. tab Interavia
26:364 Apr '71

Niagara Falls, NY Airport to be Air Force Reserve
base. Officer 47:29 Jan '71

Sanitary landfills as potential bird strike hazards.
TIG Brief 23:18 Sep 24 '71

AIRPORTS - ContinuedUnited States - Cont'd

TCA--a new concept in traffic control. illus tab map.
Approach 16:15-17 Mar '71

AIRSHIPSSee alsoBalloons

AIRSICKNESS see Motion Sickness

AIRSPACE

Air safety--the benefits of P.O.B.s (Priority Warning
Indicators). illus Govt Exec 3:26 27 Oct '71

Don't miss this. (Preventing midair collisions) illus
Aerosp Safety 27:10-11 Dec '71

The Eighth Convention of the UK Guild of Air Traffic
Control Officers (Bournemouth, Eng, Oct 1970).
T.M.B. Wright. illus Interavia 26:136-137 Feb '71

Implementing the FAA 10 year plan. illus Interavia 26:
937-938 Aug '71

Sharing the airways. illus Approach 17:2-6 Dec '71

Why fly a crooked path? Area navigation. Maj Max L.
Odle. map illus Aerosp Safety 27:2-4 Jul '71

You've got it (pilot control) and you'd better keep it.
Interceptor 13:14-15 Nov '71

AIRSTRIPS

Fighters operating from non-paved strip. Capts N.
Nedilko and V. Amelchenko. illus Soviet Mil Rev
No. 4:22-23 Apr '71

New landing surface. illus USA Avn Dig 17:8-9
Mar '71

AIRWAYS

Commercial aviation and the colonization of the
Equatorial islands, 1934-1936. Francis X. Hol-
brook. illus Aerosp Hist 17:144-149 Dec '70

ALASKA

Alaskan air rescue center saves lives in wilderness.
Ruth Chandler. AF Times 31:18 Jan 20 '71

Alaska's Husky Brigade (171st Light Infantry Bri-
gade)--guarding the northern frontier. LtCol
Robert L. Bechdolt, Jr. illus Infantry 61:6-9
Nov-Dec '71

Lenoir's (wooden cable-layer) last voyage. 1stLt
Robert Gair. illus Airman 15:5-11 Apr '71

ALASKAN AIR COMMAND

Air Guardsmen support Alaskan Operation (Punch
Card 14). Natl Guardsman 25:29-30 Jun '71

Alaskan Air Command. illus chart AF Mag 54:104-
106 May '71

Alaskan (Air Command) Rescue (Coordination) Center
(Elmendorf AFB, Alas) stands ready with planes,
ships, sleds. A1C Steve Gordenier. AF Times
32:16 Oct 6 '71

Alaskan 'invasion' stopped (in joint Army-Air Force
Exercise Acc Card Bethel). AF Times 32:50
Dec 1 '71

Maj (Clint Hanna) moves an Army. Sgt Steve
Gordenier. AF Times 32:33 Dec 22 '71

ALASKAN COMMAND

F-105s and Phantoms end Alaska Exercise (Punch
Card 13). AF Times 31:5 Mar 10 '71

ALBERT, Carl

Speaker Carl Albert named ROA's Minute Man of the Year for 1972. por Officer 47:20 Dec '71

ALBRIGHT, Jack A.

The future of communications in South Vietnam. Interview. BrigGen Jack A. Albright. por signal 25:10-14 Apr '71

ALCOHOLIC BEVERAGES

Alcohol abuse program covering federal civilian employees goes into effect 1 December 1971. TIG Brief 23:11 Nov 19 '71

Alcoholic beverages. TIG Brief 23:9 Feb 12 '71

Alcoholic success rate high--few using rehab program. Jim Sample. AF Times 31:4 Feb 24 '71

Are you drunk again, Daddy? LtCol Bob Chick. illus Army Dig 26:60-64 May '71

Beer in barracks given okay. AF Times 32:8 Nov 17 '71

Care urged in alcohol sales. AF Times 31:46 Mar 3 '71

Comprehensive alcoholic program proposed. AF Times 32:8 Nov 10 '71

Control of alcoholic beverages. TIG Brief 23:10 Nov 5 '71

The demon rum. illus Approach 17:26-28 Nov '71

Detection of alcohol in aviation and other fatalities in Finland. Antti R. Alha and Veikko Tamminen. tabs Aerosp Med 42:564-568 May '71

Drug abuse: Out in the open CDR Herbert T. St Omer Woolley and LCDR Lee H. Beecher. illus tabs US Nav Inst Proc 97:18-35 Nov '71

Hair, beer not immoral, DOD says. AF Times 31:18 Mar 10 '71

The hangover--a talk with the doc about the hows and whys of the morning after. (Interview with Col Lawrence J. Enders) illus Interceptor 13:5-7 Aug '71; Approach 17:28-31 Nov '71

Influence of alcohol on vestibular responses to angular accelerations. David J. Schroeder. illus tabs Aerosp Med 42:959-970 Sep '71

Spirits in the Army. Philip R. Smith, Jr. illus Army Dig 26:56-59 May '71

Transportation of alcoholic beverages in USAF aircraft. TIG Brief 23:7 Jul 23 '71

Laws and Regulations

Transportation of alcoholic beverages in USAF aircraft. TIG Brief 23:7 Jul 23 '71

ALDRIN, Edwin E., Jr

Aldrin to head Aerospace (Research) Pilot School. George Weiss. por Armed Forces J 108:12 Feb 1 '71

Astronaut Aldrin returning to AF. AF Times 31:5 Jan 27 '71

ALERT SYSTEMSSee also

Warning Systems

ALGERIAEconomic Conditions

Algeria embarks on a 3-year treasure hunt. Charles D. LaFond. illus Govt Exec 3:20-21 May '71

ALIENSSee also

Foreign Nationals in the Armed Forces

The law and you. AF Times, What divorce proceedings entail. 31:30 Jan 6 '71; Several methods finalize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose. 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

ALISON, John R.

Change of command--John R. Alison becomes new A. O. A. president in critical times. por biog Ordnance 56:26-27 Jul-Aug '71

ALL-WEATHER FLYING

Authority of the pilot. illus Approach 16:6-8 Jun '71

Cat(egory) Two and you. Maj Edward H. Josephson. illus tab MAC Flyer 18:21-23 Jun '71

Don't divert--plan ahead (Projects Cold Cow1 and Cold Crystal). illus MAC Flyer 18:22-25 Oct '71

PIREPS (Pilot REPortS)--expanding to fill the need. illus Aerosp Safety 27:12-13 Jun '71

Winter weather briefing. Capt John S. Bohlson and 1stLt Larry N. Baker. illus Combat Crew 22:8-9 Oct '71

ALLIANCES see Treaties and Alliances

ALLIED AIR FORCES, CENTRAL EUROPE see Allied Forces, Central Europe

ALLIED AIR FORCES, SOUTHERN EUROPE see Allied Forces, Southern Europe

ALLIED COMMAND ATLANTIC

'Groomed for the job'--Duncan in profile. Jack Kestner. illus Navy 14:31-32 Apr '71

ALLIED COMMAND EUROPESee also

Allied Forces, Central Europe
Allied Forces, Northern Europe
Allied Forces, Southern Europe
Supreme Headquarters Allied Powers in Europe

ACE logistics--its past achievements and future prospects. WgComdr R. L. Walker. illus NATO's Fifteen Nations 16:76-83 Apr-May '71

Automatic data processing in Allied Command Europe. AVM A. H. W. Ball. illus NATO's Fifteen Nations 16:95-96+ Apr-May '71

The defense of Northwest Europe and the North Sea. MajGen J. L. Moulton, Ret. illus maps tabs US Nav Inst Proc 97:80-97 May '71

The evolution of air defense in Allied Command Europe. Air Commodore J. H. Knoop. illus NATO's Fifteen Nations 16:68-72+ Apr-May '71

Hot lines communications in Allied Command Europe. MajGen E. Gralka. illus NATO's Fifteen Nations 16:86-88+ Apr-May '71

ALLIED COMMAND EUROPE - Continued

In the service of defence. Adm Nigel Henderson. illus NATO's Fifteen Nations 16:32-35 Apr-May '71

In the service of peace. Gen A.J. Goodpaster. illus NATO's Fifteen Nations 16:16-22 Apr-May '71

NATO's ACE Mobile Force. R. D.M. Furlong. illus Intl Def Rev 4:46-49 Feb '71

A pictorial salute to former SACEURs. NATO's Fifteen Nations 16:26-29 Apr-May '71

The Royal Air Force and Allied Command Europe. illus NATO's Fifteen Nations 16:49-56 Oct-Nov '71

ALLIED FORCES, CENTRAL EUROPE

AFCENT (planning side for NATO) proves popular tour. TSgt Dick Larsen. illus AF Times 32:22 Oct 20 '71

The challenge in the center (of Europe). Gen Jurgen Bennecke. illus NATO's Fifteen Nations 16:52-56+ Apr-May '71

Organization

The challenge in the center (of Europe). Gen Jürgen Bennecke. illus NATO's Fifteen Nations 16:52-56+ Apr-May '71

ALLIED FORCES, NORTHERN EUROPE

The challenge in the North (of Europe). Gen Walter Walker. illus NATO's Fifteen Nations 16:44-50 Apr-May '71

ALLIED FORCES, SOUTHERN EUROPE

Best Hit '71--modern weapons in an old-world setting. (AIRSOUTH's tactical weapons meet, Eskisehir AB, Turkey, July 1971) LtCol Harold A. Susskind. illus AF Mag 54:48-51 Oct '71

The challenge in the South (of Europe). ADM Horacio Rivero. illus NATO's Fifteen Nations 16:60-64+ Apr-May '71

History

The challenge in the South (of Europe). ADM Horacio Rivero. illus NATO's Fifteen Nations 16:60-64+ Apr-May '71

ALLIED LAND FORCES, SOUTHEASTERN EUROPE
see Allied Forces, Southern EuropeALLIED MILITARY IN THE U.S.See also

Exchange Programs, Military

Education and Training

Foreign military training. TIG Brief 23:20 Jun 18 '71

New eagles (training for VNAF pilots at Keesler AFB, Miss). Capt Gary A. Guimond. illus Airman 15: 3-8 Jun '71

They're here (VNAF students at U.S. Army's advanced helicopter training program, Fort Stewart, Ga). Capt James B. McKenzie, Jr. illus USA Avn Dig 17:10-14 Feb '71

USAF-GAF Air Warfare Instructor Course (for training German fighter pilots at F-104G Fighter Weapons School, Luke AFB, Ariz). illus USAF Ftr Wpns Rev No. 1:46-47 Spring '71

ALTIMETERS

AIMS (Air traffic control radar beacon, Identification, friend or foe, Mark XII Systems). illus Interceptor 13:22-24 Apr '71

ALTIMETERS - Continued

Pilots--meet AIMS. Maj L. S. Franscin. illus Aerosp Safety 27:14-16 Feb '71

ALTITUDE, INFLUENCE OF see Aviation--Physiological AspectsALTITUDE FLYING

Fly high. illus Aerosp Safety 27:20-21 Mar '71

Mountain strike! illus MAC Flyer 18:16-17 Jun '71

Violations--fly your assigned altitude. LtCol Lucien O. Sonnier. illus Aerosp Safety 27:9 Apr '71

Vision at high altitudes. GpCapt T. C. D. Whiteside. illus Approach 17:14-16 Sep '71

ALUMINUM see MetalsAMERICAN INDIANS

(AF) Academy helps Indians with discarded clothing. AF Times 31:22 Jul 14 '71

A frontier thesis from Hollywood--rewriting history as it should have been. Philip R. Smith, Jr. illus Army 21:50-54 Apr '71

Navajo (2dLt Angelo M. John) joins flier ranks. SSgt Jim Walker. illus AF Times 32:51 Sep 29 '71

The unbreakable code (Navajo Indian Code Talkers). Isabel Simmons. MarCor Gaz 55:59 Nov '71

A warriors legacy. SgtlC Carl Martin. illus map Soldiers 26:47-55 Jul '71

AMERICAN ORDNANCE ASSOCIATION

Change of command--John R. Alison becomes new A.O.A. president in critical times. illus Ordnance 56:26-27 Jul-Aug '71

Cooperation for defense--Industrial College of the Armed Forces and the A.O.A. (American Ordnance Assoc) foster preparedness. illus Ordnance 55:518-519 May-Jun '71

AMERICANS IN FOREIGN COUNTRIESSee also

People-To-People Program

CRACs (Community Relations Advisory Councils) mend the cracks. Lt Dan P. Murphy. illus Army Dig 26:42-44 Jan '71

Getting oriented to the Orient. Bob Ball. illus Army Dig 26:46-47 Jan '71

AMES, Glenn C.

The Army National Guard at the (NGAUS) 93d General Conference (Honolulu, Hawaii, Sep 20-23, 1971). por Natl Guardsman 25:10-12 Nov '71

AMMUNITION

Ammo moves in Europe via LASH (Lighter Aboard SHip)/barge. Maj Paul P. Leitz. illus Translog 2:4-5 Oct '71

CADS (Containerized Ammunition Distribution System). SP5 Eduardo E. Sanchez. illus Translog 2: 8-10+ Jul '71

Check that ammo. Allen Storm. illus Soldiers 26:16-17 Aug '71

Dutch factory gives new look to NATO's ammunition--solving modern warfare's fire problems. H. George Franks. illus NATO's Fifteen Nations 16:86-92 Aug-Sep '71

AMMUNITION - Continued

- Managing ammunition. Maj Paul Kearney. tabs Fld Artilleryman, pp 54-58, Aug '71
- Plastic examined for use in shells. AF Times 32:47 Oct 13 '71
- Safeguarding firearms, ammunition, and explosives. TIG Brief 23:16 Jul 23 '71
- Security of government and privately owned weapons. TIG Brief 23:16 Apr 9 '71
- Testing containerized ammunition. Allen Storm. illus Army Log 3:24-25 Sep-Oct '71
- To strike unseen. Fraser Scott. illus Royal United Svcs Inst for Def Studies J 116:30-35 Jun '71

AMPHIBIOUS FORCES

- Amphibious operations in transition. Maj E.J. Clarkson. illus MarCor Gaz 55:27-31 Apr '71
- At sea--where we belong. Maj Robert C. McFarlane. illus US Nav Inst Proc 97:36-42 Nov '71
- Sad goodbye to the LVTH-6. Capt R.E. Dietmeier. illus MarCor Gaz 55:44-45 Apr '71
- Seabase: The true amphibious operation. LtCol J.W. Hammond, Jr. illus MarCor Gaz 55:18-26 Aug '71
- Soviet Naval Infantry: A new capability. (Research paper, School of Naval Warfare, 1971?) LtCol Donald K. Cliff. illus tab Nav War Col Rev 23: 90-101 Jun '71

History

- Seagoing Marines. Pictorial US Nav Inst Proc 97:65-76 Nov '71

AMPHIBIOUS OPERATIONS

- Amphibious operations in transition. Maj E.J. Clarkson. illus MarCor Gaz 55:27-31 Apr '71
- Landing force logistics. MajGen Herman Poggemeyer, Jr. illus Def Ind Bul 7:18-21 Fall '71
- Learn MEDS (Mechanized Embarkation Data System) at unit level. Maj Albert T. Fisher. illus MarCor Gaz 55:47-48 Dec '71
- More flexible doctrine. Maj R.D. Ammon. MarCor Gaz 55:49-50 Oct '71
- Sad goodbye to the LVTH-6. Capt R.E. Dietmeier. illus MarCor Gaz 55:44-45 Apr '71
- Seabase: The true amphibious operation. LtCol J.W. Hammond, Jr. illus MarCor Gaz 55:18-26 Aug '71
- Soviet Marines attack. Val Goltsev. (Trans and digested from a Russian publication) illus MarCor Gaz 55:43-44 Sep '71
- Two oceans--four continents, with HMM-365. Lt Jerry L. Jochims. illus MarCor Gaz 55:31-34 May '71

AMPHIBIOUS VEHICLES

- The AMX 10P infantry combat vehicle. Gen Jean Marzloff, Ret. illus tabs Intl Def Rev 4:372-375 Aug '71
- LVTP7--amphibious armor for Marines. David Wray, Jr. tab illus (Also cutaway with scale plan) Armor 80:13-17 May-Jun '71
- Lightweight water-crossing equipment for the French Army. illus tabs Intl Def Rev 4:146-147 Apr '71
- Motor sleighs and amphibian aero-sleighs--the transport fleet of the Soviet Far North. Alexander Blokhin. illus Def Trans J 27:60-61 Sep-Oct '71

AMPHIBIOUS VEHICLES - Continued

- A new range of wheeled vehicles for the German Army. tabs illus (Also cutaway) Intl Def Rev 3: 197-199 Jun '70
- River crossing: Key to Soviet offense. Capt Eugene D. Betit. illus Mil Rev 51:88-96 Oct '71
- Sad goodbye to the LVTH-6. Capt R.E. Dietmeier. illus MarCor Gaz 55:44-45 Apr '71
- Soviet-made all-terrain vehicles. LtCol Y. Pateyuk. illus Soviet Mil Rev No. 3:35-37 Mar '71
- Sweden's infantry gun vehicle. Richard M. Ogorkiewicz. illus MarCor Gaz 55:8-9 Jun '71

AMPHIBIOUS WARFARE see Amphibious OperationsAMPHIBIOUS WARFARE SHIPS

- At sea--where we belong. Maj Robert C. McFarlane. illus US Nav Inst Proc 97:36-42 Nov '71

ANDERSON, Orvil A.

- Our first long step into space. (National Geographic Society's balloon flights, 1934-1935) LtCol John H. Scrivner, Jr. illus AF Mag 54:58-64 Oct '71
- The saga of Explorer I: Man's pioneer attempts to reach space. William E. Kepner and John H. Scrivner, Jr. por Aerosp Hist 18:123-128 Sep '71

ANECDOTES, MILITARY

- Amplify and exaggerate. TSgt George H. Barrett. USAF Instrs J 8:18-20 Winter '70-'71

ANIMALSSee also

Dogs

ANIMALS IN RESEARCH

- Biosatellite 3 results; program conducted by the Space Biology Laboratory, Brain Research Institute, University of California, Los Angeles, supported by the National Aeronautics and Space Administration. W.R. Adey and others. illus Aerosp Med 42:271-313 Mar '71

ANNAPOLIS, MD, NAVAL ACADEMY see Naval Academy, Annapolis, MdANTARCTIC RESEARCH

- Operation Deep Freeze--MAC flies 500 to Antarctic site. AF Times 32:48 Dec 1 '71
- R/V Hero--assignment: Antarctic. Pictorial. William R. Curtsinger. US Nav Inst Proc 97:56-68 Feb '71

ANTENNAS

- Electronic warfare technology--a State-of-the-Art report and a projection into the next decade. M. Halpern. illus Signal 25:22-25 Jan '71
- The elephant cage (antenna form at Misawa AB, Japan). Ed Blair. illus Airman 15:41-42 Jul '71
- Expanding utilization of satellites. (Address, AFCEA, Washington, June 9, 1971) Edgar A. Grabhorn. Signal 25:64-69 Aug '71
- Giant antennas--for use in deep space probes. illus map Space World H-12-96:37-38 Dec '71
- (A radar antenna for the AWACS aircraft) illus Signal 25:107 Aug '71
- A radio pioneer (TACO Division, General Instrument Corp) heard from: Alive and well in Sherburne, NY. A.F. Potter. illus Signal 25:94-97 Jun '71

ANTENNAS - Continued

Radio set AN/GRC-143--the latest in military communications. Arnold M. Jensen and John R. Simkovich. illus Signal 25:9-16 May '71

Rotor blade radar (HELMS (HELicopter Multifunction System)) for helicopter. illus Armed Forces J 108:23 Jul 5 '71

Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71

(Tropo-scatter dish antennas part of STRATCOM-Europe's support for the recent Reforger II) illus Signal 25:62 Feb '71

Testing

(New radar equipment for AWACS) Signal 25:98+ Jan '71

ANTI-AIRCRAFT ARTILLERY see Artillery, Anti-aircraft

ANTIBALLISTIC MISSILES see Missile Defense

ANTISUBMARINE WARFARESee also

Submarine Warfare

ASW--now or never. CAPT James A. Winnefeld and Carl H. Builder. illus US Nav Inst Proc 97:18-25 Sep '71

Anti-submarine warfare today: Talks with the top operator and top developer. Interview. VADM Turner Caldwell and RADM Parker B. Armstrong. illus Armed Forces J 108:22-23+ May 3 '71

The helicopter: An extension of the DE (Destroyer Escort) in the Royal Navy. CDR J. P. Gunning. illus US Nav Inst Proc 97:105-107 Aug '71

A look at our LAMPS. Michael R. Bonsignore. illus US Nav Inst Proc 97:26-31 Dec '71

The most hunted submarine--Poseidon goes to sea. Interview. RADM Levering Smith. illus Navy 14:20-23 May '71

Navy jury rigs a LAMPS. Armed Forces J 108:16 Mar 15 '71

A new partnership: The helicopter and the destroyer. LTJG Walter W. Price II. illus US Nav Inst Proc 97:99-101 Jun '71

S-3A--brainstorming savings. (Interview with CAPT Fred H. Baughman) illus Govt Exec 3:19+ Aug '71

The strategic threat. BrigGen Harry N. Cordes. illus AF Mag 54:51-55 Jul '71

USS "Wasp" visits Plymouth. Keith A. Saunders. illus Air Pict 32:412 Nov '70

Univac delivers computer for S-3A. illus Signal 25:40-41 Apr '71

Equipment

The ASW "six-pack." ENS John W. Skipper. illus US Nav Inst Proc 97:103-105 Dec '71

Anti-submarine warfare today: Talks with the top operator and top developer. Interview. VADM Turner Caldwell and RADM Parker B. Armstrong. illus Armed Forces J 108:22-23+ May 3 '71

Study and Teaching

Pull up! Pul... illus Approach 17:8-11 Sep '71

Training of ships' antisubmarine crews. Capt V. Kurguzov. Soviet Mil Rev No. 3:25-26 Mar '71

ANTITANK WEAPONS see

Armored Warfare
Artillery, Antitank
Missiles, Antitank

APPROPRIATIONS AND EXPENDITURESAir Force--U.S.

Budget: Good news--RIF threat gone, cuts put at 6400. Bruce Callander. tab AF Times 31:1+ Feb 10 '71

Decision making aspects of the Air Force budget. MajGen William F. Pitts. illus AF Compt 5:10-11 Mar '71

FY 1972 Defense RDT&E program: Air Force. LtGen Otto J. Glasser. illus tabs Def Ind Bul 7:12-16 Summer '71

House group votes extra F-111 funds. AF Times 31:3 Jun 9 '71

Massive housing program sought--(MajGen Guy H.) Goddard tells lawmakers the problems. Ed Gates. AF Times 32:13 Sep 22 '71

Proxmire's B-1 charge rebutted. AF Times 31:17 Jun 9 '71

Reduction slated in flying, planes. AF Times 32:11 Aug 18 '71

Armed Forces

Comparative defence expenditures, gross national product and manpower figures, 1951-1970. London's Institute for Strategic Studies. Tables only. Aerosp Intl 7:101 Dec '71; AF Mag 54:101 Dec '71

Defence expenditures and national economies. London's Institute for Strategic Studies. Tables only. Aerosp Intl 7:101 Dec '71; AF Mag 54:101 Dec '71

Armed Forces--France

French defense budget for 1971. Intl Def Rev 3:361-362 Dec '70

Armed Forces--Great Britain

Your money or your life. ACM Christopher Foxley-Norris. Royal Air Forces Qtr 11:85-88 Summer '71

Armed Forces--Japan

Economic imperatives influencing Japan's military force levels. CDR Lewis E. Connell. illus tab Nav War Col Rev 24:49-54 Nov '71

Armed Forces--Netherlands

Holland's defence budget. illus Air Pict 32:399 Nov '70

Armed Forces--U.S.

Attackers endanger B-1 plan. Ed Gates. AF Times 31:1+ May 19 '71

Budget bite hits Services. AF Times 31:8 Feb 10 '71

Congressional action on FY 71 major weapons programs (in \$millions). tabs Armed Forces J 108:30-31 Feb 1 '71

DOD urges more cash for ROTC. AF Times 31:4 Jun 30 '71

Dollars or defense? Interview. F. Edward Hébert. illus Natl Guardsman 25:2-7 Jun '71

FY-1972 fund bill passed--Exercise (Reforger and Crested Cap) halt ordered. AF Times 32:1+ Dec 29 '71

APPROPRIATIONS AND EXPENDITURES - Continued

Armed Forces--U.S. - Cont'd

- Financial tables relating to Defense Department budget FY 1972. Tables only. Def Ind Bul 7:26-31 Spring '71
- Force planning under the new strategy. (Excerpts from Defense Posture Statement) Melvin R. Laird. illus tabs Def Ind Bul 7:12-20 Spring '71
- General Purpose Forces down in size and buys. George Weiss. tabs Armed Forces J 108:34-35+ Feb 15 '71
- Giant boosts in pay asked for recruits. Bob Schweitz. tab AF Times 31:1+ Feb 10 '71
- Hill asks review of senior ranks--too many eagles, stars? Bob Horowitz. AF Times 32:1+ Nov 24 '71
- House panel approves \$21.9-billion authorization bill. James D. Hessman. tab Armed Forces J 108:26-27+ Jun 21 '71
- Manpower costs dim new benefits. Bob Horowitz. AF Times 32:13 Dec 22 '71
- RDT&E programs up 10% to \$7.87-billion--ships and craft up 45%, missiles down slightly, all Services up, Air Force the least. Brooke Nihart. tab Armed Forces J 108:32+ Feb 15 '71
- Senate OK's \$70.8 billion--strength slash vetoed. Bob Horowitz. AF Times 32:62 Dec 8 '71
- Strategic deterrence still top priority--funding about the same, weapons improved but not increased, future options kept open through research. Brooke Nihart. Armed Forces J 108:30 Feb 15 '71

Statistics

- FY 72 weapons programs. Table only. Armed Forces J 108:35 Feb 15 '71

Army--U.S.

- Army vehicles: Good quality, but can U.S. afford quantity needed? Brooke Nihart. illus Armed Forces J 109:30-31 Oct '71
- Output related cost factors for the Operations and Maintenance (O&M) appropriation. MajGen Autrey J. Maroun. illus Armed Forces Compt 16:13-17+ Fall '71

Defense Dept--Great Britain

- British defense estimates for 1971-72 issued. John Marriott. Armed Forces J 108:18 Mar 15 '71
- Defence--no surprises. illus Air Pict 33:128-129 Apr '71
- The official opposition view of British defence policy. George M. Thomson. illus Royal United Svc Inst for Def Studies J 116:16-21 Jun '71
- UK defence White Paper. Intl Def Rev 3:361 Dec '70

History

- The ten year rule. Peter Silverman. illus Royal United Svc Inst J 116:42-45 Mar '71
- The ten-year rule--an unfinished debate. (Comment on article by P. Silverman, Royal United Service Institution Journal, March 1971) K. Booth. illus Royal United Svc Inst for Def Studies J 116:58-63 Sep '71

Defense Dept--U.S.

- Airlift/sealift programs down 20%, but: Airlift capability up, more C-130Es/C-9As, some modern ships in prospect. Brooke Nihart. Armed Forces J 108:33 Feb 15 '71

APPROPRIATIONS AND EXPENDITURES - Continued

Defense Dept--U.S. - Cont'd

- Appropriations bill has \$3.194 billion for retired military. Officer 47:24 Jan '71
- Austerity stays with us. Claude Witze. tabs AF Mag 54:9-11 Mar '71
- Behind the budget decisions: Five years of constant change. James D. Hessman. tab Armed Forces J 108:38-39+ Feb 15 '71
- Big cut would hurt force--Laird. AF Times 31:8 Jul 14 '71
- Budget and national security. ADM Thomas H. Moorer. illus Review 50:26-28+ Jan-Feb '71
- Budget--interpreting Laird/Nixon. tab Govt Exec 3:10 Mar '71
- The budget on deadline. Claude Witze. tab AF & Space Dig 54:9-10 Jan '71
- Conferees set on \$66.595-billion Defense budget. Armed Forces J 108:9-10 Jan 4 '71
- DOD seeks \$2,259-million for military construction. tab Armed Forces J 108:14-15 Jul 5 '71
- Defense and the economy. (Excerpts from Defense Posture Statement) Melvin R. Laird. tabs Def Ind Bul 7:23-25 Spring '71
- Defense and the economy. (From address, Western Economic Assoc Annual Meeting, Davis, Calif, Aug 28, 1970) G. Warren Nutter. AF Plcy Ltr for Comdrs: Sup No. 2:14-18 Feb '71
- Defense budget. Govt Exec 3:52 Apr '71
- The defense budget and our national security. (Address, Huntsville-Madison County Chamber of Commerce, Huntsville, Ala, Dec 1970) ADM T.H. Moorer. tab Signal 25:20-24 Apr '71
- Defense budget highlights. (Approach to FY 1972-1976 program and FY 1972 budget. Excerpts from Defense Posture Statement) Melvin R. Laird. illus tabs Def Ind Bul 7:1-31 Spring '71
- Defense spending--the facts vs the myth. illus tab AF Mag 54:10-11 Mar '71
- Department of Defense budget (FY 1970-72). Table only. Army 21:9 Mar '71
- Department of Defense direct budget plan (TOA), budget authority (NOA), and outlays. Table only. Armed Forces J 108:26-27 Feb 15 '71
- Dollars for Defense. Don R. Brazier. illus tabs Armed Forces Compt 16:12-16 Spring '71
- Economy vs Defense. Eugene M. Becker. tab Ordnance 55:426-428 Mar-Apr '71
- FY 1972 Defense RDT&E program: Research and development in U.S. Defense Posture. John S. Foster, Jr. illus tab Def Ind Bul 7:1-7 Summer '71
- Eight snarls pay action--weeks off. Bob Horowitz. AF Times 31:1+ May 26 '71
- Financial environment of defense. Robert C. Moot. illus tabs Def Ind Bul 7:9-12 Fall '71
- Financial tables relating to Defense Department budget FY 1972. Tables only. Def Ind Bul 7:26-31 Spring '71
- Funding increased for engineers, VA, Coast Guard, and Mar(itime) Ad(ministration). Armed Forces J 108:36-37+ Feb 15 '71
- Further ship layups. Navy 14:28 Jan '71

APPROPRIATIONS AND EXPENDITURES - ContinuedDefense Dept--U.S. - Cont'd

Goldwater sees peril in Defense fund cuts. AF Times 31:13 Feb 3 '71

Guard, Reserve resurgence seen in new concept, policies, FY 72 budget. Brooke Nihart. Armed Forces J 108:29-31 Mar 1 '71

Hardware requests OK'd by Senate unit. AF Times 32:5 Aug 18 '71

Holding the line and hedging against the future--the 1972 Defense budget. illus tabs Army 21:6-9 Mar '71

House passes procurement bill, less F-14. Armed Forces J 108:18-19 Jul 5 '71

How much R&D? Eberhardt Rehtin. illus Armed Forces Compt 16:21-23+ Spring '71

Increasing U.S. Congress resistance to Pentagon programmes. Intl Def Rev 4:212 Jun '71

Is U.S. star falling? 1973 budget expected to keep current force structure but reduce U.S. military readiness. George W. Ashworth. illus Sea Power 14:12-17 Dec '71

JCS defend budget. LtGen Ira C. Eaker, Ret. AF Times 31:13 Apr 14 '71

Money bills take priority as Congress enters home stretch. James D. Hessman. tab Armed Forces J 109:10-12 Dec '71

Monitoring the contractor's planning and control systems--C/SPCS. LtCol Richard J. Lovette and Burt Roth. illus tabs Log Spectrum 4:27-32 Winter '70

New military aid/sales plan faces Hill opposition. James D. Hessman. Armed Forces J 108:26-27 May 17 '71

1971--less money, fewer people, more jobs. Editorial. John L. Frisbee. AF & Space Dig 54:4-5 Jan '71

Nixon doctrine budget faces major hurdle in Congress. James D. Hessman. tab Armed Forces J 108:24-25+ Feb 15 '71

Nixon to ask \$77.5 billion for defense. AF Times 31:50 Feb 3 '71

OSD seeks 9,684 family housing units in FY 72 mil(itary) con(struction) plan. tab Armed Forces J 108:11-12 Apr 19 '71

Packard asks \$67.5-million for prototype programs. Armed Forces J 109:14-15 Oct '71

Packard favors speedup in proposed pay raise. AF Times 31:19 Apr 7 '71

Pay packages moving in the Pentagon. Bob Horowitz. tab AF Times 31:1+ Mar 10 '71

Pay packages moving on the Hill. tab AF Times 31:1+ Mar 10 '71

Pay plan: Goodies for all. AF Times 31:13 Feb 24 '71

Personnel cuts continue, new pay hikes proposed. James D. Hessman. tabs Armed Forces J 108:28-29+ Feb 15 '71

Priorities have shifted from Defense to Welfare, Sen Thurmond declares. Officer 47:8 Jan '71

Procurement authorization bill goes to Congress. tabs Armed Forces J 108:12+ Feb 15 '71

'Promises' of Congress appear near fulfillment. AF Times 32:3 Aug 25 '71

Proxmire-Mathias defeated; DOD "saves" 1.7-million jobs. Armed Forces J 108:13-15 Jul 19 '71

APPROPRIATIONS AND EXPENDITURES - Cont'dDefense Dept--U.S. - Cont'd

Public management of national security. Robert C. Seamans, Jr. illus tab AF Mag 54:40-43 May '71

Robert McNamara's impact on the budget strategies of the Joint Chiefs of Staff. Lawrence J. Korb. illus Aerosp Hist 17:132-136 Dec '70

The Secretary of Defense and the Joint Chiefs of Staff: Conflict in the budgetary process, 1947-1971. Lawrence J. Korb. illus Nav War Col Rev 24:21-42 Dec '71

The Senate and security. Claude Witze. AF Mag 54:10-12 Nov '71

Senate committee approves \$21-billion weapons bill. Armed Forces J 109:13-14 Sep '71

Senate panel approves \$70.2-billion appropriations bill--pushes prototype program. James D. Hessman. Armed Forces J 109:24 Dec '71

\$66.6 billion OK'd for military spending. AF Times 31:4 Jan 13 '71

The task ahead. Robert C. Moot. illus Armed Forces Compt 16:35-38 Spring '71

Trends in the weapons systems acquisition process. Maj James B. Lincoln. illus tab Mil Rev 51:40-52 Aug '71

Weapons budget good. LtGen Ira C. Eaker, Ret. AF Times 31:13 Feb 24 '71

National Aeronautics and Space Administration--U.S.

The NASA budget. David Baker. illus tab Spaceflight 13:368-369 Oct '71

A schedule for the shuttle. David Baker. illus tab Spaceflight 13:454-455 Dec '71

National Guard--Armed Forces--U.S.

Guard bills await action. Natl Guardsman 25:15 Dec '71

Guard budget zooms far past billion-dollar mark. Natl Guardsman 25:23-24 Mar '71

Navy, Marine, Air Force cuts envisioned in President's message to the Congress. tabs Officer 47:7 Mar '71

Navy--Great Britain

The Royal Navy and the continuing commitments. Desmond Wettern. illus US Nav Inst Proc 97:18-25 Aug '71

Navy--U.S.

Arms bill asks most for Navy. AF Times 31:22 Mar 17 '71

CVAN-70 funding, 15-carrier force level in FY 72 Navy budget. illus Armed Forces J 108:16+ Jan 18 '71

The case for the carrier. CAPT Wynn V. Whidden. illus tab US Nav Inst Proc 97:24-33 Jul '71

Entering a desperate era of seapower. Brooke Nihart. Armed Forces J 108:22-23 Mar 15 '71

FY 1972 Defense RDT&E program: Navy. RADM Edward A. Ruckner. illus tabs Def Ind Bul 7:7-12 Summer '71

The \$50 billion Navy building program--but 10-year 'wish book' lacks high level approval. George W. Ashworth. illus Sea Power 14:24-27 Oct '71

APPROPRIATIONS AND EXPENDITURES - ContinuedNavy--U.S. - Cont'd

- Frigate wise and pound foolish. L. Edgar Prina. illus Sea Power 14:30-32 Sep '71
- House votes \$3 billion for shipbuilding. L. Edgar Prina. illus Sea Power 14:30-31 Dec '71
- The increasing role of sea power. L. Edgar Prina. illus Navy 14:30-32 Jun '71
- Navy budget is up. L. Edgar Prina. illus Navy 14:40-42 Mar '71
- Navy, Litton look ahead to long-term partnership, but all is not roses down among the magnolia blossoms. James D. Hessman. illus Armed Forces J 108:32-34 Mar 15 '71
- Navy reveals shipbuilding program. Armed Forces J 109:16+ Oct '71
- State of the Navy--a hard look and a somber tone. George W. Ashworth. illus Navy 14:8-13 May '71

Reserve Forces--Air Force--U.S.

- Air Force Reserve under the new budget. (Remarks, ROA Luncheon, Washington, Feb 18, 1971) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 4:27-31 Apr '71

- Conference on bill restores funds for TAC airlift groups. Officer 47:26 Feb '71

Reserve Forces--Armed Forces--U.S.

- Navy, Marine, Air Force cuts envisioned in President's message to the Congress. tabs Officer 47:7 Mar '71

United States

- The first priority: Survival. Interview. George H. Mahon. illus Govt Exec 3:37-39 Jan '71
- President proposed 'major transformation' of military aid programs. Armed Forces J 108:14 May 3 '71
- Priorities have shifted from Defense to Welfare, Sen Thurmond declares. Officer 47:8 Jan '71

ARAB-ISRAELI CONFLICT, 1967-

- De Lesseps' ditch--Russia will gain most. Joseph Palmer. illus Navy 14:16-19 May '71
- Holocaust in the Middle East. Jac Weller. illus Review 50:20-21+ May-Jun '71
- Israel at war. Brig Cyril N. Barclay. illus Army 21:40-45 Sep '71
- Israel beyond cease-fire. WgComdr Maharaj K. Chopra, Ret. illus Mil Rev 51:12-19 Apr '71
- Israeli aerial refueling capability blow to Arab air strategy. Brooke Nihart. illus Armed Forces J 108:15-16 Feb 1 '71
- A military solution to the Suez Canal impasse? Maj Edgar O'Ballance, Ret. illus Mil Rev 51:84-89 Jul '71
- Reopening the Suez Canal. LtCol Haig Donabedian. MarCor Gaz 55:11-12 Jun '71
- War and peace: The prospects for the Middle East. (Interview with Yitzhak Rabin) Laslo Boyd. illus Govt Exec 3:34-36 Dec '71
- Watch on the Suez. William Beecher. illus tab Army pt 1, Egypt's noisy silent partner. 21:10-13 Nov '71; pt 2, Israel weighs the options. 21:28-32 Dec '71

ARAB STATESForeign RelationsIsrael

- Movement to contact. Capt R.E. Mattingly. illus MarCor Gaz 55:39-45 Jun '71
- The prospects for peace in the Middle East. (Andover Prize Essay, 1971) LtCol P.M. El Fata. illus Hawk No. 32:31-38 Feb '71

Russia

- The bear that swims like a fish. RADM Kemp Tolley. Ret. illus US Nav Inst Proc 97:41-45 Jun '71
- Changing Soviet oil interests: Implications for the Middle East. (Research paper, College of Naval Command and Staff, 1971) Maj C. Powell Hutton. illus Nav War Col Rev 24:76-93 Oct '71

Strategic Importance

- Conflict in the Persian Gulf. Alvin J. Cottrell. illus maps Mil Rev 51:33-41 Feb '71

- The United States and the Arab world: Recipe for frustration. John S. Badeau. Persp in Def Mgt, pp 1-10, Autumn '71

ARCTIC REGIONS

- C-130 airdrops supply Arctic research group. AF Times 31:38 Jun 9 '71
- Peary and the North Pole: Not the shadow of a doubt. CDR Edward Peary Stafford, Ret. illus US Nav Instr Proc 97:44-55 Dec '71
- To land and rescue. (Risky job of Alaska rescue team) SP5 Tom Bailey. illus Soldiers 26:34-37 Nov '71

ARCTIC RESEARCH

- Despite numbing cold, research helps the Army operate. (U.S. Army Cold Region Research and Engineering Laboratory) Benjamin S. Yamashita. illus Soldiers 26:50-51 Oct '71

ARCTIC TRAINING

- Alaska's Husky Brigade (171st Light Infantry Brigade)--guarding the northern frontier. LtCol Robert L. Bechdolt, Jr. illus Infantry 61:6-9 Nov-Dec '71
- Climb the ice river. SP5 Tom Bailey. illus Soldiers 26:16-20 Oct '71
- Eskimo Scouts teach Arctic skills to "regulars." illus Natl Guardsman 25:32-33 Mar '71
- Firefighters included in Alaskan Exercise (Punch Card 12). Natl Guardsman 25:39 Mar '71
- No whisky in my ice. (Exercise "Hardfall IV") Pete Brown. illus Air Pict 32:126-127 Apr '70

ARMAMENTSee also

Artillery
Munitions
Ordnance

also subdivision under specific subjects, e.g.,

Airplanes, Military--Armament
Helicopters, Military--Armament
Ships--Armament
Tanks, Military--Armament

- Antiguerrilla armament. CDR D.P. Kirchner. illus Ordnance 56:127-130 Sep-Oct '71

ARMED FORCESSee also

General Purpose Forces
 Interservice Cooperation
 Interservice Rivalry
 Strategic Forces
 Unification of the Armed Forces
also subdivision under specific subjects, e.g.,
 Appropriations and Expenditures--Armed Forces--
 U.S.
 Officers--Armed Forces--U.S.
 Promotion--Armed Forces--U.S.

Statistics

Comparative defence expenditures, gross national
 product and manpower figures, 1951-1970.
 London's Institute for Strategic Studies. Tables
 only. Aerosp Intl 7:101 Dec '71; AF Mag 54:101
 Dec '71
 The Military Balance:1971-1972. London's Institute
 for Strategic Studies. illus tabs Aerosp Intl 7:52-
 110 Dec '71; AF Mag 54:52-110 Dec '71

AfghanistanStatistics

Afghanistan. London's Institute for Strategic Studies.
 Table only. Aerosp Intl 7:90-91 Dec '71; AF Mag
 54:90-91 Dec '71

Africa, SouthStatistics

South Africa. London's Institute for Strategic Studies.
 Table only. Aerosp Intl 7:86-87 Dec '71; AF Mag
 54:86-87 Dec '71

Africa, Sub-SaharanStatistics

The nations of Sub-Saharan Africa. London's Insti-
 tute for Strategic Studies. illus tabs Aerosp
 Intl 7:83-87 Dec '71; AF Mag 54:83-87 Dec '71

AlbaniaStatistics

Albania. London's Institute for Strategic Studies.
 Table only. Aerosp Intl 7:75 Dec '71; AF Mag
 54:75 Dec '71

AlgeriaStatistics

Algeria. London's Institute for Strategic Studies.
 Table only. Aerosp Intl 7:78-79 Dec '71; AF Mag
 54:78-79 Dec '71

AsiaStatistics

Other Asian countries and Australasia. London's
 Institute for Strategic Studies. illus tabs Aerosp
 Intl 7:90-98 Dec '71; AF Mag 54:90-98 Dec '71

AustralasiaStatistics

Other Asian countries and Australasia. London's
 Institute for Strategic Studies. illus tabs Aerosp
 Intl 7:90-98 Dec '71; AF Mag 54:90-98 Dec '71

AustraliaStatistics

Australia. London's Institute for Strategic Studies.
 Table only. Aerosp Intl 7:91 Dec '71; AF Mag
 54:91 Dec '71

ARMED FORCES - ContinuedAustralia - Cont'dStatistics - Cont'd

The new shape of Australian Defence. Brig F. W.
 Speed. Army Qtr 101:420-425 Jul '71

Austria

Austria's defense. Maj Ronald A. Hofmann. illus
 map Mil Rev 51:52-62 Oct '71

Statistics

Austria. London's Institute for Strategic Studies.
 Table only. Aerosp Intl 7:75 Dec '71; AF Mag
 54:75 Dec '71

Belgium

The role of Belgium in NATO. Col G. B. Howard.
 illus Mil Rev 51:17-22 Jul '71

Statistics

Belgium. London's Institute for Strategic Studies.
 Table only. Aerosp Intl 7:67-68 Dec '71; AF Mag
 54:67-68 Dec '71

BulgariaStatistics

Bulgaria. London's Institute for Strategic Studies.
 Table only. Aerosp Intl 7:62-64 Dec '71; AF Mag
 54:62-64 Dec '71

BurmaStatistics

Burma. London's Institute for Strategic Studies.
 Table only. Aerosp Intl 7:91-92 Dec '71; AF Mag
 54:91-92 Dec '71

CambodiaStatistics

Cambodia. London's Institute for Strategic Studies.
 Table only. Aerosp Intl 7:92 Dec '71; AF Mag
 54:92 Dec '71

Canada

Canadians instructed in LAPES (Low Altitude Para-
 chute Extraction System). AF Times 31:37
 Feb 17 '71

A look at Canadian Forces Europe. illus NATO's
 Fifteen Nations 15:97-104 Dec '70-Jan '71

Statistics

Canada. London's Institute for Strategic Studies.
 Table only. Aerosp Intl 7:69-70 Dec '71; AF Mag
 54:69-70 Dec '71

China (People's Republic)

China's military: A growing political force. Ralph L.
 and Helena F. Powell. illus chart AF Mag 54:43-47
 Jun '71

China's military strength. Gerald Ellis. illus Mil
 Rev 51:71-76 Apr '71

Statistics

China. London's Institute for Strategic Studies. illus
 tabs Aerosp Intl 7:88-89 Dec '71; AF Mag 54:88-89
 Dec '71

China (Republic)Statistics

Republic of China (Taiwan). London's Institute for
 Strategic Studies. Table only. Aerosp Intl 7:92
 Dec '71; AF Mag 54:92 Dec '71

ARMED FORCES - ContinuedCongo (Democratic Republic)Statistics

Congo (Kinshasa) (Democratic Republic of the Congo). London's Institute for Strategic Studies. Table only. Aerosp Intl 7:83 Dec '71; AF Mag 54:83 Dec '71

CzechoslovakiaStatistics

Czechoslovakia. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:64 Dec '71; AF Mag 54:64 Dec '71

Denmark

On NATO's northern flank. Capt Erik B. Johansen. illus map Mil Rev 51:63-69 Aug '71

Statistics

Denmark. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:70-71 Dec '71; AF Mag 54:70-71 Dec '71

EthiopiaStatistics

Ethiopia. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:83-84 Dec '71; AF Mag 54:83-84 Dec '71

Europe

The military situation in Europe. Regular feature in some issues of Army Quarterly and Defence Journal

Statistics

The military balance between NATO and the Warsaw Pact. London's Institute for Strategic Studies. tab Aerosp Intl 7:104-110 Dec '71; AF Mag 54:104-110 Dec '71

Europe, Western

Berlin Brigade: A correspondent's view. Hubert J. Erb. illus Infantry 61:6-11 Mar-Apr '71

FinlandStatistics

Finland. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:75-76 Dec '71; AF Mag 54:75-76 Dec '71

FranceStatistics

France. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:71 Dec '71; AF Mag 54:71 Dec '71

Germany (Democratic Republic)

East German security. WgComdr Maharaj K. Chopra. Ret. illus Mil Rev 51:12-20 Oct '71

Statistics

German Democratic Republic. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:64 Dec '71; AF Mag 54:64 Dec '71

Germany (Federal Republic)

A report from Bonn. (Interview with Gen Ulrich de Maiziere) G.M. Bailly-Cowell. illus NATO's Fifteen Nations 15:20-22 Dec '70-Jan '71

ARMED FORCES - ContinuedGermany (Federal Republic) - Cont'd

The West German defence White Paper of 1970.

Stuart Drummond. Army Qtr 101:158-162 Jan '71

West German Defense Posture--1970. Intl Def Rev 3: 121 Jun '70

West Germany--our capable European ally. Howard G. Neuberg. illus Mil Rev 51:35-45 Apr '71

Statistics

Federal Republic of Germany. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:71-72 Dec '71; AF Mag 54:71-72 Dec '71

GhanaStatistics

Ghana. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:84 Dec '71; AF Mag 7:84 Dec '71

Great Britain

The British Armed Forces--what's ahead? Stefan Geisenheyner. illus AF Mag 54:60-63 Jun '71

Closer United Kingdom military association with European NATO allies. WgComdr K.E. Richardson. Royal Air Forces Qtr 10:306-312 Winter '70

The creation of the British General Staff, 1904-1914. John Gooch. illus Royal United Svc Inst for Def Studies J 116:50-53 Jun '71

DOD inspects Britain's all-vols. AF Times 31:19 Jan 27 '71

Military aid to the civil community. SqLdr R.C. Allerton. illus Hawk No. 32:57-63 Feb '71

UK defence White Paper. Intl Def Rev 3:361 Dec '70

Your money or your life. ACM Christopher Foxley-Norris. Royal Air Forces Qtr 11:85-88 Summer '71

Statistics

Britain. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:68-69 Dec '71; AF Mag 54:68-69 Dec '71

GreeceStatistics

Greece. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:72-73 Dec '71; AF Mag 54:72-73 Dec '71

GuineaStatistics

Guinea. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:84 Dec '71; AF Mag 54:84 Dec '71

HungaryStatistics

Hungary. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:64-65 Dec '71; AF Mag 54:64-65 Dec '71

India

The Indian Armed Forces in the 1970s. Ravi Kaul. illus Royal United Svc Instn J 116:55-57 Mar '71

ARMED FORCES - ContinuedIndia - Cont'dStatistics

India. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:92 Dec '71; AF Mag 54:92 Dec '71

IndonesiaStatistics

Indonesia. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:92-93 Dec '71; AF Mag 54:92-93 Dec '71

IranStatistics

Iran. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:79 Dec '71; AF Mag 54:79 Dec '71

IraqStatistics

Iraq. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:79 Dec '71; AF Mag 54:79 Dec '71

Israel

Israel at war. Brig Cyril N. Barclay. illus Army 21: 40-45 Sep '71

Statistics

Israel. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:79-80 Dec '71; AF Mag 54:79-80 Dec '71

ItalyStatistics

Italy. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:73 Dec '71; AF Mag 54:73 Dec '71

Ivory CoastStatistics

Ivory Coast. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:84-85 Dec '71; AF Mag 54:84-85 Dec '71

Japan

A balance of priorities--defense and economic growth in Japan. Richard Halloran. illus Navy 14:10-14+ Apr '71

Japan's defense forces. Col Noboru Matsuura. illus Mil Rev 51:48-55 Feb '71

Military reawakening in Japan. William Beecher. illus Army 21:10-17 Mar '71

Statistics

Japan. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:93-94 Dec '71; AF Mag 54:93-94 Dec '71

Japan's military goal--building a strong defense. Ronald Golden. illus Aerosp Intl 7:26-27; Mar-Apr '71

JordanStatistics

Jordan. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:80 Dec '71; AF Mag 54:80 Dec '71

ARMED FORCES - ContinuedKenyaStatistics

Kenya. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:85 Dec '71; AF Mag 54:85 Dec '71

Korea (Democratic People's Republic)Statistics

Korea--Democratic People's Republic (North). London's Institute for Strategic Studies. Table only. Aerosp Intl 7:94 Dec '71; AF Mag 54:94 Dec '71

Korea (Republic)

Korea: The Nixon doctrine at work. Gen John H. Micaelis. illus Army 21:64-70 Oct '71

Korean modernization. Joungwon Alexander Kim. (Condensed from Journal of Comparative Administration, Nov 1970) illus Mil Rev 51:83-92 May '71

LaosStatistics

Laos. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:94-95 Dec '71; AF Mag 54:94-95 Dec '71

Latin America

The role of military forces in Latin America. Norman A. Bailey. illus Mil Rev 51:67-72 Feb '71

LebanonStatistics

Lebanon. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:80 Dec '71; AF Mag 54:80 Dec '71

LibyaStatistics

Libya. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:80-81 Dec '71; AF Mag 54:80-81 Dec '71

LuxembourgStatistics

Luxembourg. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:73 Dec '71; AF Mag 54:73 Dec '71

Malagasy RepublicStatistics

Malagasy Republic. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:85 Dec '71; AF Mag 54:85 Dec '71

MalaysiaStatistics

Malaysia. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:95 Dec '71; AF Mag 54:95 Dec '71

Mediterranean RegionStatistics

The Middle East and the Mediterranean. London's Institute for Strategic Studies. illus tabs Aerosp Intl 7:72-82 Dec '71; AF Mag 54:72-82 Dec '71

ARMED FORCES - ContinuedMiddle EastStatistics

The Middle East and the Mediterranean. London's Institute for Strategic Studies. illus tabs Aerosp Intl 7:72-82 Dec '71; AF Mag 54:72-82 Dec '71

MongoliaStatistics

Mongolia. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:95 Dec '71; AF Mag 54:95 Dec '71

MoroccoStatistics

Morocco. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:81 Dec '71; AF Mag 54:81 Dec '71

NATO

The challenge in the center (of Europe). Gen Jürgen Bennecke. illus NATO's Fifteen Nations 16:52-56+ Apr-May '71

The challenge in the North (of Europe). Gen Walter Walker. illus NATO's Fifteen Nations 16:44-50 Apr-May '71

Congress and President: NATO troop-reduction conflict. Stanley L. Harrison. illus Mil Rev 51:13-24 Sep '71

Deep Express 70--collective security in action. (Exercise involving 8 NATO nations, Oct 10-22, 1970) Col William A. Brant and Maj Alan Lisle. illus NATO's Fifteen Nations 16:49-56 Jun-Jul '71

A look at Canadian Forces Europe. illus NATO's Fifteen Nations 15:97-104 Dec '70-Jan '71

NATO ground forces and the Soviet threat. K. Booth. Army Qtr 101:426-436 Jul '71

NATO in the development of mutually acceptable security arrangements between East and West. Brig W.F.K. Thompson, Ret. illus NATO's Fifteen Nations 15:87-90+ Dec '70-Jan '71

NATO's ACE Mobile Force. R. D.M. Furlong. illus Intl Def Rev 4:46-49 Feb '71

Problems of European security. C.E. Morris. Army Qtr 101:396-401 Jul '71

A report from Bonn. (Interview with Gen Ulrich de Maiziere) G.M. Bailly-Cowell. illus NATO's Fifteen Nations 15:20-22 Dec '70-Jan '71

Statistics

The military balance between NATO and the Warsaw Pact. London's Institute for Strategic Studies. tabs Aerosp Intl 7:104-110 Dec '71; AF Mag 54:104-110 Dec '71

The North Atlantic Treaty. London's Institute for Strategic Studies. illus tabs Aerosp Intl 7:66-74 Dec '71; AF Mag 54:66-74 Dec '71

NetherlandsStatistics

Netherlands. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:73-74 Dec '71; AF Mag 54:73-74 Dec '71

ARMED FORCES - ContinuedNew ZealandStatistics

New Zealand. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:95-96 Dec '71; AF Mag 54:95-96 Dec '71

NigeriaStatistics

Nigeria. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:85 Dec '71; AF Mag 54:85 Dec '71

NorwayStatistics

Norway. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:74 Dec '71; AF Mag 54:74 Dec '71

PakistanStatistics

Pakistan. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:96 Dec '71; AF Mag 54:96 Dec '71

Philippines (Republic)Statistics

Philippines. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:96-97 Dec '71; AF Mag 54:96-97 Dec '71

PolandStatistics

Poland. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:65 Dec '71; AF Mag 54:65 Dec '71

PortugalStatistics

Portugal. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:74 Dec '71; AF Mag 54:74 Dec '71

RhodesiaStatistics

Rhodesia. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:85-86 Dec '71; AF Mag 54:85-86 Dec '71

RumaniaStatistics

Romania. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:65 Dec '71; AF Mag 54:65 Dec '71

Russia

The development of Soviet military power in the past 20 years. illus map NATO's Fifteen Nations 16:36-42 Apr-May '71

In unity with the people. Capt A. Skrylnik. Soviet Mil Rev No. 3:2-4 Mar '71

A mighty accelerator. Col O. Ivanov. illus Soviet Mil Rev No. 11:2-5 Nov '71

Military police in the Soviet Armed Forces. Maj Gilbert E. Jones, Jr. illus Mil Rev 51:86-92 Jan '71

ARMED FORCES - ContinuedRussia - Cont'd

One of the most important tasks (is to strengthen the Armed Forces). Col V. Zubarev. illus Soviet Mil Rev No. 7:10-14 Jul '71

The Party, people and Army are one. (From address, 24th Congress of the Communist Party of the Soviet Union, Moscow, March 30-April 9, 1971) Andrei A. Grechko. illus Soviet Mil Rev No. 5:2-5 May '71

R. U. S. I. /R. M. A. S. Research Centre bulletin. (Precis, abstracts, or translations of whole articles from the Soviet press) Regular feature in some issues of Royal United Services Institute for Defense Studies Journal

The Soviet fighting man's spiritual world. Maj Y. Deryugin. illus Soviet Mil Rev No. 12:2-4 Dec '71

Soviet military buildup: A new dimension in foreign policy. Maj Jeffrey L. Scribner. illus tab Mil Rev 51:53-62 Aug '71

Soviet military exercises. P. H. Vigor. illus Royal United Svc Inst for Def Studies J 116:23-29 Sep '71

Statistics

The United States and the Soviet Union. London's Institute for Strategic Studies. illus tabs Aerosp Intl 7:54-61 Dec '71; AF Mag 54:54-61 Dec '71

Saudi ArabiaStatistics

Saudi Arabia. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:81 Dec '71; AF Mag 54:81 Dec '71

SenegalStatistics

Senegal. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:86 Dec '71; AF Mag 54:86 Dec '71

SingaporeStatistics

Singapore. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:97 Dec '71; AF Mag 54:97 Dec '71

SomaliaStatistics

Somali Democratic Republic. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:86 Dec '71; AF Mag 54:86 Dec '71

Spain

NATO and Spain. Maj E. Hinterhoff. (Reprinted from NATO's Fifteen Nations, Apr-May 1970) Royal Air Forces Qtr 10:271-275 Winter '70

Statistics

Spain. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:76 Dec '71; AF Mag 54:76 Dec '71

SudanStatistics

Sudan. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:81 Dec '71; AF Mag 54:81 Dec '71

ARMED FORCES - ContinuedSweden

In defense of Sweden. illus tab map Intl Def Rev pt 1, 3:395-399 Dec '70; pt 2, The Swedish defense industry. 4:41-45 Feb '71

Sweden and Nordic balance. Col Albert Leo Romaneski. chart illus map table Parameters 1:54-65 Fall '71

Statistics

Sweden. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:76-77 Dec '71; AF Mag 54:76-77 Dec '71

SwitzerlandStatistics

Switzerland. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:77 Dec '71; AF Mag 54:77 Dec '71

SyriaStatistics

Syria. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:81 Dec '71; AF Mag 54:81 Dec '71

TanzaniaStatistics

Tanzania. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:87 Dec '71; AF Mag 54:87 Dec '71

ThailandStatistics

Thailand. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:97 Dec '71; AF Mag 54:97 Dec '71

TunisiaStatistics

Tunisia. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:81-82 Dec '71; AF Mag 54:81-82 Dec '71

TurkeyStatistics

Turkey. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:74 Dec '71; AF Mag 54:74 Dec '71

UgandaStatistics

Uganda. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:87 Dec '71; AF Mag 54:87 Dec '71

United Arab RepublicStatistics

United Arab Republic (UAR). London's Institute for Strategic Studies. Table only. Aerosp Intl 7:82 Dec '71; AF Mag 54:82 Dec '71

United States

The collapse of the Armed Forces. Col Robert D. Heintz, Jr. illus Armed Forces J 108:30-38 Jun '71

ARMED FORCES - ContinuedUnited States - Cont'd

- The defense budget and our national security. (Address, Huntsville-Madison County Chamber of Commerce, Huntsville, Ala, Dec 1970) ADM T.H. Moorer. tab Signal 25:20-24 Apr '71
- Dollars or defense? Interview. F. Edward Hébert. illus Natl Guardsman 25:2-7 Jun '71
- The fickle public affection. BrigGen S. L. A. Marshall, Ret. illus Natl Guardsman 25:12-16 Jul '71
- Force planning under the new strategy. (Excerpts from Defense Posture Statement) Melvin R. Laird. illus tabs Def Ind Bul 7:12-20 Spring '71
- Is U.S. star falling? 1973 budget expected to keep current force structure but reduce U.S. military readiness. George W. Ashworth. illus Sea Power 14:12-17 Dec '71
- Laird outlines five-year plan--bigger Reserve role eyed. AF Times 31:4 Mar 24 '71
- Military discipline & national security. Gen Hamilton H. Howze, Ret. illus Army 21:11-15 Jan '71
- The officer corps in an all-volunteer Force: Will college men serve? (A group research project) Col Robert L. Nichols and others. tabs illus Nav War Col Rev 23:31-50 Jan '71
- Pentagon's "fire brigade" (Strike Command). MajGen R. Simonyan. illus Soviet Mil Rev No. 1:53-55 Jan '71
- Some thoughts on national security issues in the decade ahead. (Address, National Security Seminar, Jackson, Miss, Jan 11, 1971) John C. Stennis. Persp in Def Mgt, pp 41-44, Autumn '71
- "This year--our own strategies." Interview. Melvin R. Laird. illus Govt Exec 3:35+ Apr '71
- U.S. military must not be isolated from mainstream of American life. (Excerpts from address ROA National Convention, San Diego, Calif, June 17-19, 1971) ADM Charles K. Duncan (recipient of Minute Man Hall of Fame Award) illus Officer 47:9+ Aug '71

Organization

- The unified command structure. Col Duane H. Smith. charts tab Parameters 1:14-21 Fall '71

Statistics

- AF not reduced as forces drop. tab AF Times 31:18 Jun 16 '71
- Austerity stays with us. Claude Witze. tabs AF Mag 54:9-11 Mar '71
- 'Automatic' upgrading (to E-2 and E-3) may end. AF Times 32:39 Nov 10 '71
- Conventional forces (actual and projected strength and expenditures). Table only. Mil Rev 51:94 Apr '71
- Manpower cuts forecast. AF Times 31:10 Jan 27 '71
- Personnel cuts continue, new pay hikes proposed. James D. Hessman. tabs Armed Forces J 108:28-29+ Feb 15 '71
- Summary of active military personnel and forces. Table only. Armed Forces J 108:25 Feb 15 '71
- Summary of other major military forces (as of 1 January 1971 unless otherwise indicated). Tables only. US Nav Inst Proc 97:359-360 May '71
- 30,000 GIs remain in Japan--lowest level since war. Tom Wuriu. AF Times 32:51 Sep 22 '71

ARMED FORCES - ContinuedUnited States - Cont'dStatistics - Cont'd

- The United States and the Soviet Union. London's Institute for Strategic Studies. illus tabs Aerosp Intl 7:54-61 Dec '71; AF Mag 54:54-61 Dec '71

Vietnam (Democratic Republic)Statistics

- Vietnam--Democratic Republic (North). London's Institute for Strategic Studies. Table only. Aerosp Intl 7:97-98 Dec '71; AF Mag 54:97-98 Dec '71

Vietnam (Republic)

- Vietnamization progress. LtCol Norman H. Stutzer. illus Ordnance 56:226-229 Nov-Dec '71

Statistics

- Vietnam--Republic of Vietnam (South). London's Institute for Strategic Studies. Table only. Aerosp Intl 7:98 Dec '71; AF Mag 54:98 Dec '71

Warsaw Pact

- Brotherhood-in-Arms (joint exercises held by troops of Warsaw Treaty countries). Col S. Alyoshin. illus Soviet Mil Rev No. 1:2-5+ Jan '71

Statistics

- The military balance between NATO and the Warsaw Pact. London's Institute for Strategic Studies. tabs Aerosp Intl 7:104-110 Dec '71; AF Mag 54:104-110 Dec '71

- The Warsaw Pact. London's Institute for Strategic Studies. illus tabs Aerosp Intl 7:62-65 Dec '71; AF Mag 54:62-65 Dec '71

Yugoslavia

- Yugoslav defense. (Based on an article originally published in a French publication) illus tab Mil Rev 51:28-35 Oct '71

Statistics

- Yugoslavia. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:77 Dec '71; AF Mag 54:77 Dec '71

ZambiaStatistics

- Zambia. London's Institute for Strategic Studies. Table only. Aerosp Intl 7:87 Dec '71; AF Mag 54:87 Dec '71

ARMED FORCES ASSISTANCE TO KOREA

- Changing the guard in Korea. William Beecher. illus Army 21:18-23 Jan '71

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION

- Presenting AFCEA's new directors--class of 1975. pors biogs Signal 26:8-11 Oct '71
- (Silver Anniversary Convention, Washington, May 7-10, 1971) illus Signal 25:entire issue Aug '71
- 25th Annual AFCEA Convention Program (Washington, June 8-10, 1971). illus Signal 25:10-29 Jun '71

Directories

- The 1971 AFCEA sustaining and group member capabilities directory. Signal 25:40-70 Jan '71

ARMED FORCES COMMUNICATIONS AND ELECTRONICS ASSOCIATION - Continued

History

A 25 year history of AFCEA. illus Signal 25:121-127 Jun '71

ARMED FORCES DAY

Bases stress local missions (on) Armed Forces Day. AF Times 31:35 May 12 '71

Colorado Springs holds 'quietly dramatic' rites (on) Armed Forces Day, May 15, 1970. illus AF Times 31:23 Jun 2 '71

ARMED FORCES IN EUROPE

Presence of U.S. forces in Europe indispensable, says NATO Secretary General. Officer 47:9 Feb '71

ARMED FORCES INSTITUTE

The second chance. W. L. Brothers. USAF Instrs J 8:21-25 Winter '70-'71

ARMED FORCES MANAGEMENT ASSOCIATION

The Armed Forces Management Association. Hugh Witt. illus Def Mgt J 7:19-22 Spring '71

ARMED SERVICES COMMITTEE--HOUSE OF REPRESENTATIVES see Congress--U.S.

ARMED SERVICES COMMITTEE--SENATE see Congress--U.S.

ARMOR

See also

Armored Vehicles
Armored Warfare
Body Armor

Education and Training

In the depth of defences. LtCol M. Tychkov. illus Soviet Mil Rev No. 8:18-20 Aug '71

MISPC (Mechanized Infantry Squad Proficiency Course): A challenge for the squad leader. LtGen Robert C. Taber. illus Infantry 61:6-9 Jul-Aug '71

Range 80--you need more than a good memory to pass. Col Vincent P. Gannon. illus tab Armor 80:8-12 Mar-Apr '71

Equipment

Armor Center innovations (formerly called Armor School trends). Regular feature in issues of Armor

New initiatives in armor. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Maj Nathaniel W. Foster, Jr. Armor 80:35-38 Jul-Aug '71

Great Britain

British Armoured Vehicles Week (June 21-25, 1971). illus Intl Def Rev 4:457-461 Oct '71

Israel

Israeli armor: Lessons from the six-day war. Jac Weller. illus Mil Rev 51:44-50 Nov '71

Russia

Armour and the Russian officer. Bryan Perrett. Army Qtr 101:186-194 Jan '71; Condensation. Mil Rev 51:70-79 Aug '71

Soviet APC's reveal a shift in tactics. LtCol R. F. Sullivan. illus tab Infantry 61:30-31 Nov-Dec '71

ARMOR - Continued

Sweden

Swedish armored vehicles. Richard M. Ogorkiewicz. illus Armor 80:4-8 May-Jun '71

Switzerland

Switzerland's armoured forces--evolution and future development. Oberst H. Wanner. illus Intl Def Rev 4:263-267 Jun '71

United States

Armor in the 70s. LtGen George I. Forsythe. illus Armor 80:7-11 Jan-Feb '71

Directories

Armor Branch directory. Chart only. Armor 80:57 Sep-Oct '71

ARMOR ASSOCIATION see United States Armor Association

ARMORED CENTERS AND SCHOOLS

Armor Center innovations (formerly called Armor School trends). Regular feature in issues of Armor

ARMORED FORCES see Armor

ARMORED VEHICLES

See also

Tanks, Military

The AMX 10P infantry combat vehicle. Gen Jean Marzloff, Ret. illus tabs Intl Def Rev 4:372-375 Aug '71

Aluminium armour for fighting vehicles. R. M. Ogorkiewicz and J. Willis. illus Intl Def Rev 3:200-202 Jun '70

Armor for Infantry. Jac Weller. illus Ordnance 55:353-358 Jan-Feb '71

Army moves out on new armored vehicles, gun. Brooke Nihart. illus Armed Forces J 108:34-35 May 3 '71

The case for an armored dune buggy. LtCol Burton S. Boudinot. tab illus (Also cutaway with scale plan) Armor 80:22-24 May-Jun '71

Comparing APCs: USA's M113A1 vs U.S.S.R.'s BTR-60. LtCol Roy F. Sullivan. illus Armor 80:48-51 Nov-Dec '71

Costing logistics support for the Scout. illus Army Log 3:12-13+ May-Jun '71

In defense of Sweden. illus tab map Intl Def Rev pt 1, 3:395-399 Dec '70; pt 2, The Swedish defense industry. 4:41-45 Feb '71

Infantry combat vehicles. Richard M. Ogorkiewicz. illus Infantry 61:46-49 Jan-Feb '71

LVTP7--amphibious armor for Marines. David Wray, Jr. tab illus (Also cutaway with scale plan) Armor 80:13-17 May-Jun '71

Marder--West Germany's new APC enters service. illus tabs Intl Def Rev 4:366-371 Aug '71

Mech Infantry--what next? Capt Vernon W. Humphrey. illus Infantry 61:46-49 Jul-Aug '71

Muddling along with the M113. LtCol Roy F. Sullivan. illus tab Armor 80:9-12 May-Jun '71

New French armored vehicles. Richard M. Ogorkiewicz. illus Armor 80:28-35 Nov-Dec '71

ARMORED VEHICLES - Continued

- A new range of wheeled vehicles for the German Army. tabs illus (Also cutaway) Intl Def Rev 3: 197-199 Jun '70
- A new version of a well-proven APC--the product improved M113A1. R.M. Ogorkiewicz. tab illus (Also cutaway with scale plan) Intl Def Rev 4: 163-165 Apr '71
- Panhard's AML armoured cars at Satory III. Francois Bedaux. illus tabs Intl Def Rev 4:337-341 Aug '71
- Sad goodbye to the LVTH-6. Capt R.E. Dietmeier. illus MarCor Gaz 55:44-45 Apr '71
- Source selection scheme for Scout system. Marvin Rich. illus Def Ind Bul 7:19-21 Winter '71
- Soviet APC's reveal a shift in tactics. LtCol R.F. Sullivan. illus tab Infantry 61:30-31 Nov-Dec '71
- Soviet-made all-terrain vehicles. LtCol Y. Pateyuk. illus Soviet Mil Rev No. 3:35-37 Mar '71
- Swedish armored vehicles. Richard M. Ogorkiewicz. illus Armor 80:4-8 May-Jun '71
- Tank-automotive news. Joseph B. Hayes. Regular feature in some issues of Ordnance
- Technical observation point in the offensive. LtCol B. Gruzdev. illus Soviet Mil Rev No. 4:34-35 Apr '71
- The tracked APC--some new and existing types reviewed. illus tabs Intl Def Rev 4:363-365 Aug '71
- Vickers Falcon, a new self-propelled antiaircraft gun. Richard M. Ogorkiewicz. illus tab Armor 80:17-19 Sep-Oct '71

Exhibitions

- British Armoured Vehicles Week (June 21-25, 1971). illus Intl Def Rev 4:457-461 Oct '71

ARMORED WARFARESee also

- Missiles, Antitank
- Airmobile forces in Europe. Gen H. Maeder, Ret. illus Intl Def Rev 3:160-161 Jun '70
- Armor in the 70s. LtGen George I. Forsythe. illus Armor 80:7-11 Jan-Feb '71
- An armored challenge to the king of battle. Maj Hans R. Ammann. Fld Artilleryman, pp 13-16, Mar '71
- CO 2/17 AirCav: 'Gunships took tanks, survived flak' in Laos. George Weiss. illus Armed Forces J 108:22-23+ Apr 19 '71
- Cambodian blitz. Maj Mel Jones. illus Armor 80: 21-24 Jan-Feb '71
- Effective antitank defense. Ferdinand Otto Miksche. (Trans and condensed from a German publication) illus tabs Mil Rev 51:48-56 Dec '71
- The future of the battle tank. R.M. Ogorkiewicz. illus Royal United Svcs Inst for Def Studies J 116:22-29 Jun '71
- Future tank destroyers. LtCol John H. Phillips and Maj Howard J. Stiles. illus Armor 80:25-29 May-Jun '71
- Gun or guided weapon? LtCol J.S. Weeks. illus Ordnance 55:552-555 May-Jun '71
- In the advance party. Maj Z. Averyanov. illus Soviet Mil Rev No. 11:13-15 Nov '71

ARMORED WARFARE - Continued

- Mech Infantry--what next? Capt Vernon W. Humphrey. illus Infantry 61:46-49 Jul-Aug '71
- Mechanized flame operations in Vietnam. Capt Albert R. Amos. illus Infantry 61:46-49 Mar-Apr '71
- Mechanized Infantry in Vietnam. LtCol William E. Klein. illus Infantry 61:18-21 Mar-Apr '71
- (Operation) Montana Raider: Mobility in the jungle--classroom for tomorrow? Col James H. Leach and others. illus maps Armor 80:4-14 Sep-Oct '71
- Overcoming antitank defences. Col V. Ryabchikov. Soviet Mil Rev No. 5:15-16 May '71
- Preparation of tank company for night defence. LtCols R. Trofimov and V. Shulgin. illus tab Soviet Mil Rev No. 9:27-29 Sep '71
- Rapidity and onslaught--tank battalion destroys airborne troops. Col M. Loginov and LtCol V. Shulgin. illus Soviet Mil Rev No. 10:13-15 Oct '71
- A report on the 11th Armored Cavalry in Southeast Asia--1969-70. Col Donn A. Starry. Armor 80: 14-20 Jan-Feb '71
- The rifle squad: A disappointing element. Capt Michael Foster. illus Armor 80:50-53 Sep-Oct '71
- A tank battalion in advance guard. Col M. Loginov and LtCol R. Trofimov. illus Soviet Mil Rev No. 1:18-20 Jan '71
- Tank battalion offensive on the move. Col Z. Averyanov. illus Soviet Mil Rev No. 12:10-13 Dec '71
- Tanks firing on the move. Col M. Loginov and LtCol V. Shulgin. illus Soviet Mil Rev No. 6:15-18 Jun '71
- Tanks in the offensive. MajGen I. Krupchenko. illus Soviet Mil Rev pt 1, No. 8:5-9 Aug '71; pt 2, No. 9: 40-43 Sep '71
- Technical service trail unit. LtCol B. Gruzdev. Soviet Mil Rev No. 12:16-17 Dec '71
- Threat from the sea. LtCol K. Ismailov. illus Soviet Mil Rev No. 10:16-18 Oct '71

Equipment

- HAW (Heavy Antiarmor Weapon), MAW (Medium Antiarmor Weapon) and LAW (Light Antiarmor Weapon): The antiarmor family. Maj Robert J. Dutcher and Capt John R. Cooke. illus Infantry 61:50-53 Jan-Feb '71

History

- Armoured operations during the early phases of the reconquest of Burma. LtCol E.H. Dar. tab map Army Qtr 101:342-349 Apr '71

- 'Seek, strike, destroy'--the World War II Tank Destroyer Corps. Roger A. Beaumont. illus Armor 80:42-46 Mar-Apr '71

Study and Teaching

- Fit to fight. SP4 Tom Bailey. illus Army Dig 26: 12-19 Feb '71
- In woods and marshes. Col V. Petrukhin. illus Soviet Mil Rev No. 2:21-23 Feb '71
- Tank crew training with Simfire (tank gunnery trainer). LtCol J.O.G. Paton, Ret. illus Intl Def Rev 4:442-444 Oct '71
- Tank killers. Capt Walter E. Brinker, Jr. illus Infantry 61:12-15 Jul-Aug '71

ARMORIES

The Springfield Armory. Walter D. Mosher. *illus Mil Rev* 51:27-32 Aug '71

ARMS CONTROL

Action and reaction in the nuclear arms race. Colin S. Gray. *illus Mil Rev* 51:16-26 Aug '71

Arming through disarmament. George D. Damien. *illus Mil Rev* 51:30-38 Mar '71

Arms control and disarmament. Michael Howard. NATO's Fifteen Nations 15:40-44 Dec '70-Jan '71

Britain and a European security conference. D.C. Watt. *illus Royal United Svcs Inst for Def Studies J* 116:35-38 Jun '71

(Effects of a U.S. -USSR agreement on the limitation of ABM systems) LtGen Ira C. Eaker, Ret. *AF Times* 31:13 Jun 16 '71

Hedging on a strategic gamble. Col Joseph E. Muckerman II. *illus Army* 21:10-16 Sep '71

MIRV: Anatomy of an enigma. Phillip A. Karber. *AF Mag* 54:83-84+ Feb '71

Mutual balanced force reductions. Walter C. Clemens, Jr. *illus Mil Rev* 51:3-11 Oct '71

New Chinese and Soviet missile developments. *Intl Def Rev* 4:111 Apr '71

Safeguard, sufficiency, and SALT. Mark B. Schneider. *illus Mil Rev* 51:24-33 May '71

Shifts in Soviet arms control posture. Walter C. Clemens, Jr. *illus tab Mil Rev* 51:28-36 Jul '71

Soviet military buildup: A new dimension in foreign policy. Maj Jeffrey L. Scribner. *illus tab Mil Rev* 51:53-62 Aug '71

Soviets talk, rearm. LtGen Ira C. Eaker, Ret. *AF Times* 32:13 Dec 8 '71

Strategic arms limitation agreement. (Remarks, Washington, May 20, 1971) Richard Nixon. *AF Plcy Ltr for Comdrs: Sup No. 7*:19 Jul '71

Strategic "superiority" in superpower relations. Colin S. Gray. *illus Mil Rev* 51:8-21 Dec '71

Sweet and sour SALT. L. Edgar Prina. *illus Navy* 14:32-33 May '71

What is Mr Laird up to? LtGen Ira C. Eaker, Ret. *AF Times* 32:13 Nov 10 '71

Will we snatch defeat from the jaws of victory? (Lecture, Naval War College, 1971) Walt W. Rostow. *illus Nav War Col Rev* 24:3-18 Sep '71

ARMS RACE

The ABM and the arms race. Colin S. Gray. *illus map Aerosp Hist* 18:26-32 Mar '71

ASW--now or never. CAPT James A. Winnefeld and Carl H. Builder. *illus US Nav Inst Proc* 97:18-25 Sep '71

Action and reaction in the nuclear arms race. Colin S. Gray. *illus Mil Rev* 51:16-26 Aug '71

Battle birds ace-high. A1C Dave Cole. *illus Airman* 15:12-15 Mar '71

Facing the facts. Gen George S. Brown. *illus AF Mag* 54:20-24 Nov '71

MIRV: Anatomy of an enigma. Phillip A. Karber. *AF Mag* 54:83-84+ Feb '71

ARMS RACE - Continued

Soviets have sub supremacy: Give 'catch up' top priority--Rickover renews warning. Col Robert D. Heinl, Jr. *Armed Forces J* 108:21 Jul 19 '71

Strategic "superiority" in superpower relations. Colin S. Gray. *illus Mil Rev* 51:8-21 Dec '71

The strategic threat. BrigGen Harry N. Cordes. *illus AF Mag* 54:51-55 Jul '71

USSR lays keel for 41st Polaris-type sub. Benjamin F. Schemmcr. *illus Armed Forces J* 109:36-37 Dec '71

ARMS SALES

Arms for South Africa. Maj E. Hinterhoff. *illus NATO's Fifteen Nations* 16:26-33 Feb-Mar '71

Arms sale policies hurt U.S. interests. LtGen Ira C. Eaker, Ret. *AF Times* 31:13 Feb 10 '71

Arms sales to South Africa--would a NATO ASW presence at the Cape be more acceptable, more effective? John Marriott. *illus Armed Forces J* 108:38-39 May 17 '71

Britain's maritime aircraft sales in trouble. John Marriott. *Armed Forces J* 108:19 May 17 '71

British arms for Libya? John Marriott. *Armed Forces J* 108:21 May 3 '71

The coming air-superiority fighter. Edgar Ulsamer. *illus Aerosp Intl* 7:42-44 Mar-Apr '71

Congress and foreign military sales. Stanley L. Harrison. *illus Mil Rev* 51:79-87 Oct '71

Credit financing of military export sales. Frank J. Fede. *illus tabs Def Ind Bul* 7:34-37 Spring '71

French armaments industry now world's third largest. Col Robert D. Heinl, Jr. *Armed Forces J* 109:46 Nov '71

International security assistance--the forward look in international logistics. (Proposed new International Security Assistance Act) *illus charts Army Log* 3:4-7+ Nov-Dec '71

Latin America--Congress diverts sales. *illus Govt Exec* 3:13 Nov '71

The Latin American arms market. *Intl Def Rev* 3:123 Jun '70

Major identified arms agreements, July 1970-June 1971. London's Institute for Strategic Studies. Tables only. *Aerosp Intl* 7:102-103 Dec '71; *AF Mag* 54:102-103 Dec '71

New military aid/sales plan faces Hill opposition. James D. Hessman. *Armed Forces J* 108:26-27 May 17 '71

New U.S. -Europe weapons partnership? Brooke Nihart. *illus Armed Forces J* 108:28-29 May 17 '71

Record French arms exports in 1970. *Intl Def Rev* 4:113-114 Apr '71

(Security Assistance Program): A new approach to an old problem. Interview. LtGen George M. Seignious II. *Armed Forces J* 109:44-47 Nov '71

Who armed Pakistan? Whose weapons killed East Pakistanis? Brooke Nihart. *Armed Forces J* 109:50-52 Nov '71

ARMSTRONG, Neil A.

Coming: A new series of hypersonic scramjets? USAF and NASA working together. Interviews. James C. Fletcher and Neil A. Armstrong. *por AF Mag* 54:36-39 Oct '71

ARMSTRONG, Parker B.

Anti-submarine warfare today: Talks with the top operator and top developer. Interview. VADM Turner Caldwell and RADM Parker B. Armstrong. por Armed Forces J 108:22-23+ May 3 '71

ARMYSee also

Armor
Artillery
Infantry

also subdivision under specific subjects, e.g.,
Education and Training--Army--U.S.

Biography

SGM Frederick Gerber: Engineer legend. Eugene V. McAndrews. illus Mil Engr 63:240-241 Jul-Aug '71

Corps, Divisions, etcSee also

Missile Units

United StatesSee also

1st Cavalry Division (Airmobile)
Transportation Units

Alaska's Husky Brigade (171st Light Infantry Brigade)--guarding the northern frontier. LtCol Robert L. Bechdolt, Jr. illus Infantry 61:6-9 Nov-Dec '71

Army triple threat division (TRICAP--TRiple CAPability) test at Ft Hood (Tex). Brooke Nihart. illus Armed Forces J 108:30-31+ May 3 '71

Guerrilla battalion, U.S. style. Col David H. Hackworth. illus Infantry 61:22-28 Jan-Feb '71

A report on the 11th Armored Cavalry in Southeast Asia--1969-70. Col Donn A. Starry. Armor 80: 14-20 Jan-Feb '71

TRICAP--a new logistics challenge. Ivan H. Oleson. illus chart Army Log 3:4-7+ Sep-Oct '71

TRICAP (TRiple CAPability). LtGen John Norton. illus map chart Army 21:14-19 Jun '71

TRICAP (TRiple CAPability)--a new concept. Charles W. Corddry. illus Natl Guardsman 25:2-10 Apr '71

China (People's Republic)

China: The Army, the Party, and the people. A.H.S. Candlin. (Condensed from Royal United Service Institution Journal, Sep 1970) illus Mil Rev 51: 24-32 Feb '71

Who is the commissar: Political officers in the Chinese Communist Army. (Research paper, College of Naval Warfare) Kenneth C. Cathey. illus Nav War Col Rev 24:55-72 Nov '71

Statistics

The combat slice. Col Robert B. Rigg, Ret. illus tabs Army 21:20-27 Jun '71

France

French Army, 1971-75. (Trans from a French publication) illus Mil Rev 51:56-61 Sep '71

History

Iberville: Exponent of quick strike. LtCol Martin Blumenson and James L. Stokesbury. illus Army 21:45-48 Jul '71

ARMY - ContinuedFrance - ContinuedHistory - Cont'd

Maverick in warfare's formal age (Marshal Hermann Maurice de Saxe). LtCol Martin Blumenson and James L. Stokesbury. illus Army 21:55-58 Apr '71

Germany (Democratic Republic)

An Army to protect socialism. Col M. Grigorkin. illus Soviet Mil Rev No. 2:40-43 Feb '71

Germany (Federal Republic)

A new range of wheeled vehicles for the German Army. tabs illus (Also cutaway) Intl Def Rev 3: 197-199 Jun '70

Great Britain

Britain's professionals. Gordon Lee. illus tab Army 21:28-33 Jul '71

History

Foreign monarchs in British uniforms--some notable Colonels-in-Chief. J. Paine. Army Qtr 101:492-498 Jul '71

The value of a commission. Maj D.M.R. Esson. tabs Army Qtr 101:330-341 Apr '71

Where three empires used to meet. Brig A.E.C. Bredin. map Army Qtr pt 1, Afghanistan. 101: 364-371 Apr '71

India

India's mammoth Army. Ravi Kaul. Army Qtr 101: 314-322 Apr '71

Israel

S.L.A. Marshall speaks out. Interview. BrigGen Samuel L.A. Marshall. illus Infantry 61:46-51 May-Jun '71

Training in the Israeli Army--producing soldiers who think. Paul Giniewski. illus NATO's Fifteen Nations 16:66-73 Jun-Jul '71

Jordan

Civil war in Jordan. Maj Edgar O'Ballance. illus map MarCor Gaz 55:23-26 Mar '71

RomeHistory

The decline and fall: Rome's hired legions. Col Mark M. Boatner III. illus Army 21:24-29 Aug '71

Russia

An Army to protect socialism. Col M. Grigorkin. illus Soviet Mil Rev No. 2:40-43 Feb '71

Under the laws of internationalism. Col V. Zmitrenko. illus Soviet Mil Rev No. 6:2-5 Jun '71

Who is the commissar: Political officers in the Chinese Communist Army. (Research paper, College of Naval Warfare) Kenneth C. Cathey. illus Nav War Col Rev 24:55-72 Nov '71

History

Armour and the Russian officer. Bryan Perrett. Army Qtr 101:186-194 Jan '71; Condensation. Mil Rev 51:70-79 Aug '71

Statistics

The combat slice. Col Robert B. Rigg, Ret. illus tabs Army 21:20-27 Jun '71

ARMY - Continued

Sweden

The conscript Army in an open society. Gen Stig Synnergren. illus Armed Forces J 108:30-31 May 17 '71

Switzerland

Switzerland's armoured forces--evolution and future development. Oberst H. Wanner. illus Intl Def Rev 4:263-267 Jun '71

Thailand

Cavalry in Thailand. Maj Philip B. Entrekin. illus Armor 80:20-21 Sep-Oct '71

Thai ranger school. Capt John V. Olson. illus Armor 80:43-46 May-Jun '71

United StatesSee also

Army Combat Developments Command
Army Materiel Command
Army Strategic Communications Command
Continental Army Command

Active Army, Guard and Reserve make Roundout a success. LtCol William V. Kennedy. illus Armor 80:18-24 Nov-Dec '71

The Army in transition. Gen W. C. Westmoreland. Ordnance 56:35-37 Jul-Aug '71

Army's LtGen George I. Forsythe: "Return... to soldiering." illus Govt Exec 3:23 Feb '71

As a "short-termer" sees it. SP4 Keith E. Fickenscher. illus Soldiers 26:38-42 Aug '71

Barracks life now a little brighter, to attract volunteers. Army 21:6-7+ Jan '71

Blueprint for tomorrow. Lt Wendell R. Cochran. illus Infantry 61:30-33 Jul-Aug '71

(The challenge to military professionalism) (Banquet address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Spiro T. Agnew. illus Armor 80:40-43 Jul-Aug '71

Draftees vs lifers: Loser is Army morale. Col Robert D. Heintz, Jr. Armed Forces J 108:19 May 3 '71

"Duty, honor, country": A presidential salute. (Address, U.S. Military Academy, West Point, NY, May 29, 1971) Richard M. Nixon. Army 21:7-9 Jul '71

Eaker views the Army. LtGen Ira C. Eaker, Ret. AF Times 32:13 Sep 1 '71

Economy vs Defense. Eugene M. Becker. tab Ordnance 55:426-428 Mar-Apr '71

Emphasis on quality. illus USA Avn Dig 17:17-18 Dec '71

(Excerpts from AUSA's 1971 Annual Meeting, Washington, Oct 11-13, 1971) Eric C. Ludvigsen. illus Army 21:38-46 Nov '71

Keep those caissons rolling. Gen Bruce Palmer, Jr. illus Armor 80:6-13 Nov-Dec '71

The key words: Involvement and teamwork. Robert F. Froehlke. illus Army 21:16-18 Oct '71

"Let's build a better Army." Interview. SGM Silas L. Copeland. illus Soldiers 26:5-7 Jul '71

A "lifer" has his say. 1Sgt Dale P. Jerzykowski. illus Soldiers 26:42-43 Aug '71

ARMY - Continued

United States - Cont'd

Logistics makes VOLAR (VOLunteer ARmy) the "with it" Army. illus Army Log 3:30-33 Jul-Aug '71

MVA (Modern Volunteer Army) on the way. Maj Peter L. Stromberg. illus Soldiers 26:4-11 Jun '71

Mutual support. Maj Charles Robertson. illus Soldiers 26:5-6 Dec '71

New Army leadership--Sec (Robert F.) Froehlke takes command as the Army faces new problems. illus Ordnance 56:114-115 Sep-Oct '71

(1971 Army Green Book: Status reports) illus Army 21: entire issue Oct '71

The now is very in at Fort Benning (Ga)--VOLAR (VOLunteer ARmy) test posts declare open season on sacred cows. L. James Binder. illus Army 21:22-29 Apr '71

Old soldier (Col Kenneth E. Belieu) back on Army team (as Deputy Assistant for Senate Relations). Brooke Nihart. illus Armed Forces J 109:16 Oct '71

The one Army team. LtGen W. R. Peers. illus USA Avn Dig 17:1-3 Jul '71

Our head is bloody, but unbowed. Interview. Gen William C. Westmoreland. Armed Forces J 109:48 Oct '71

President Nixon names two new assistant secretaries; Hull takes Army post, James Johnson moves to Navy. illus Officer 47:5-6 Jun '71

S. L. A. Marshall speaks out. Interview. BrigGen Samuel L. A. Marshall. illus Infantry 61:46-51 May-Jun '71

Seeing ourselves as others see us...first. Col Mark M. Boatner III. Army 21:24-29 Feb '71

Six years of untiring, unselfish, and effective service. (Melvin Laird's tribute to Stanley Resor) illus Armed Forces J 108:16 Jul 19 '71

Some thoughts on the modern volunteer Army. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Gen Bruce C. Clarke, Ret. illus Armor 80:31-34 Jul-Aug '71

Sophisticated basic trainees. LtCol Tom Hamrick, Ret. illus Army 21:34-39 Sep '71

Status quo: Enemy of leadership. Maj Ramon A. Nadal. illus Mil Rev 51:24-30 Jun '71

Tight budgets, mission challenge Force planners. LtGen Robert R. Williams. illus Army 21:80-85 Oct '71

A time of challenge. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Gen James H. Polk, Ret. illus Armor 80:28-30 Jul-Aug '71

Tomorrow's Army. Gen W. C. Westmoreland. Ordnance 55:429-430 Mar-Apr '71

VOLAR (VOLunteer ARmy) test successful so far. Interview. LtGen George I. Forsythe. illus Armed Forces J 108:32+ May 17 '71

Westmoreland: Facing up to the external and internal challenges. Gen William C. Westmoreland. illus Armed Forces J 108:23-25+ Jan 4 '71

Directories

Command and Staff (1971 directory). pors Army 21:96-104 Oct '71

ARMY - ContinuedUnited States - Cont'dHistory

- Amigos--Americans all. Philip R. Smith, Jr. illus Soldiers 26:22-26 Sep '71
- The Army evicts the bonus marchers (in 1932). LtCol John W. Price. illus map Mil Rev 51:56-65 May '71
- The Army in Western exploration. Col Forrest R. Blackburn. illus map Mil Rev 51:75-90 Sep '71
- Artillery helped win the West. Col Robert M. Stegmaier, Ret. illus Fld Artilleryman, pp 59-63, Aug '71
- Cantonment Leavenworth: 1827 to 1832. Col Forrest R. Blackburn. illus Mil Rev 51:57-66 Dec '71
- The Custer court-martial. Col John O. Shoemaker. illus map Mil Rev 51:36-47 Oct '71
- Custer: The Little Big decisions. BrigGen S. L. A. Marshall, Ret. illus map Army 21:34-41 Jun '71
- Doughboy diplomats--the U.S. Army in Italy, 1917-1919. Patrick D. McLaughlin. illus Army 21:30-37 Jan '71
- The first FO (BrigGen Albert J. Myer). 1stLt Dale E. Williams. illus map Fld Artilleryman, pp 39-42, Aug '71
- A frontier thesis from Hollywood--rewriting history as it should have been. Philip R. Smith, Jr. illus Army 21:50-54 Apr '71
- His weapons were justice, fair dealing. LtCol Martin Blumenson and James L. Stokesbury. illus Army 21:45-48 Mar '71
- Preserving the past for the future. (Army Military History Research Collection) Col George S. Pappas. illus Army 21:30-31 Sep '71
- Secretary Stimson and the Army reforms, 1911-1913. F. Gunther Eyck. illus Parameters 1:19-28 Spring '71
- 'Seek, strike, destroy'--the World War II Tank Destroyer Corps. Roger A. Beaumont. illus Armor 80:42-46 Mar-Apr '71

Organization

- Army triple threat division (TRICAP--TRiple CAPability) test at Ft Hood (Tex). Brooke Nihart. illus Armed Forces J 108:30-31+ May 3 '71
- Artillery branches out. Janice McKenney. illus Soldiers 26:14-15 Dec '71
- Social change--a necessary variable in Army planning. Lt James H. Davis and others. illus Army 21:32-35 May '71

Organization--History

- Secretary Stimson and the Army reforms, 1911-1913. F. Gunther Eyck. illus Parameters 1:19-28 Spring '71

Statistics

- The Army in transition. Gen W. C. Westmoreland. Ordnance 56:35-37 Jul-Aug '71
- The combat slice. Col Robert B. Rigg, Ret. illus tabs Army 21:20-27 Jun '71
- Turbulence and Army readiness. Lloyd Norman. illus Army 21:10-14 Jul '71

ARMY - ContinuedVietnam (Democratic Republic)Statistics

- The combat slice. Col Robert B. Rigg, Ret. illus tabs Army 21:20-27 Jun '71

Vietnam (Republic)

- Base depot upgrade (for Armed Forces of Vietnam). Maj Murray G. Swindler. illus Ordnance 56:143-146 Sep-Oct '71
- Montagnards (Vietnamese tribesmen) become Rangers. Maj Thomas M. Johnson. illus Infantry 61:50-51 Jul-Aug '71
- Vietnam Armed Forces Infantry School. Col Donald H. Lanier. illus Infantry 61:42-43 Sep-Oct '71

YugoslaviaHistory

- Tito's Army. LtCol P. S. Turner. illus Royal United Svcs Inst for Def Studies J 116:63-66 Sep '71

ARMY, 7th

- S. L. A. Marshall speaks out. Interview. BrigGen Samuel L. A. Marshall. illus Infantry 61:46-51 May-Jun '71

ARMY, 8th

- Korea: The Nixon doctrine at work. Gen John H. Micaelis. illus Army 21:64-70 Oct '71

Directories

- U.S. Army Korea of Eighth Army (and other Pacific commands). Army 21:102 Oct '71

ARMY, ALASKA

- Alaska's Husky Brigade (171st Light Infantry Brigade)--guarding the northern frontier. LtCol Robert L. Bechdolt, Jr. illus Infantry 61:6-9 Nov-Dec '71
- Eskimo Scouts teach Arctic skills to "regulars." illus Natl Guardsman 25:32-33 Mar '71

ARMY, EUROPESee also

- Army, 7th
- Gen Davison to CinC USAREUR. illus Armor 80:62 May-Jun '71
- In Europe, the focus is on people. Gen Michael S. Davison. illus Army 21:49-53 Oct '71

Directories

- U.S. Army Europe. Army 21:101 Oct '71

Organization

- Implementing logistics doctrine in Europe. LtGen Charles W. Eifler. illus map charts Army Log 3:16-19+ Jan-Feb '71

ARMY, PACIFIC

- Change is watchword in bustling USARPAC. Gen William B. Rosson. illus Army 21:57-61 Oct '71
- System under pressure. Col Robert G. Hillman. illus map Mil Rev 51:11-17 Jun '71
- USARPAC--managing men, money, and materiel. SP5 Dick Masui. illus map Army Dig 26:56-60 Feb '71

ARMY, VIETNAM

A fighting Army heads for home--heavy responsibilities in 'phased withdrawal.' LtGen William J. McCaffrey. illus Army 21:106-113 Oct '71

Directories

U.S. Army Vietnam. Army 21:101 Oct '71

ARMY AIR DEFENSE COMMAND

At ARADCOM: Solid progress despite pinch. LtGen Richard T. Cassidy. illus Army 21:91-93 Oct '71

Fire a bird. Lt Dale D. Glendening. illus Army Dig 26:27-29 May '71

Swifter and surer. Lt Guy T. Ryder. illus Army Dig 26:24-26 May '71

ARMY AND AIR FORCE EXCHANGE SERVICE see

Exchanges--Air Force--U.S.; Exchanges--Armed Forces--U.S.; Exchanges--Army--U.S.

ARMY AVIATIONDenmark

Here come the Danes. SP5 Patrick Svacina. illus USA Avn Dig 17:65 May '71

United States

The ARNG aviation story. LtCol Charles R. Jones. illus USA Avn Dig 17:29-31 Jul '71

Aircraft availability: The numbers game. Capt Richard B. Carey. illus USA Avn Dig 17:24-26 Aug '71

Army aircraft mishap reporting. Louis H. McKenzie. illus USA Avn Dig 17:54-56 Jun '71

Army Aviation 2000. Maj Howard J. Stiles. illus USA Avn Dig 17:16-18 Jan '71

Army drops senior aviators from flight duty. Armed Forces J 108:43+ Jan 4 '71

Army midair collisions. CW2 Morris L. Marty and others. illus USA Avn Dig 17:36-49 Jan '71

Build a career with U.S. Army Reserve Aviation. LtCol Arthur E. Magary. USA Avn Dig 17:20-21 Jul '71

Developing Army Aviation officers. Maj Robert S. Fairweather, Jr. illus USA Avn Dig 17:15-17 Feb '71

Eliminating safety hazards in future Army aircraft. Adapted from paper, 2d Government Industry System Safety Conference, Goddard Space Flight Center, Greenbelt, Md, May 26, 1971) illus USA Avn Dig 17:52-57 Nov '71

Final fixed wing class (at the Army Aviation School, Fort Rucker, Ala). Capt Tom Greene. illus USA Avn Dig 17:31-35 Sep '71

Georgia National Guard. illus USA Avn Dig 17:10-13 May '71

Human factors in airmobility, 1970-1980. Wallace W. Prophet. illus USA Avn Dig 17:8-11 Jan '71

The key to your future: Army Reserve Aviation. MajGen J. Milnor Roberts. illus USA Avn Dig 17:4-7 Jul '71

Never bounce eggs. Ted Kontos. illus USA Avn Dig 17:36-38 Feb '71

New priorities for Guard, Reserve. LtGen William R. Peers. illus Army 21:71-77 Oct '71

The one Army team. LtGen W.R. Peers. illus USA Avn Dig 17:1-3 Jul '71

ARMY AVIATION - ContinuedUnited States - Cont'd

Our backbone of defense--Reserve component aviation. Maj Gerald E. Lethcoe, Jr. illus USA Avn Dig 17:10-11 Jul '71

Smells like an aviation accident prevention program to me. Maj Roy P. Hooks. illus USA Avn Dig 17:36-38 Nov '71

Standardization. (Interview with Col Dick E. Roach) illus USA Avn Dig 17:24-27 Mar '71

Super-vision (needed to see and correct aviation unit deficiencies). CW3 Junius A. Jordan. illus USA Avn Dig 17:40-43 Dec '71

Systems engineering in Army Aviation. Truxtun R. Baldwin. illus chart Army Log 3:8-11+ Nov-Dec '71

They need us down there. (The mission of Army Aviation) Maj John A. Little. illus USA Avn Dig 17:10-13 Mar '71

What you can do for aviation accident prevention. illus USA Avn Dig 17:36-47 Aug '71

History

A coming of age--aviation in the Army National Guard. 1stLt Luther L. Walker. illus Natl Guardsman 25:2-11 Jul '71

ARMY AVIATION CENTERS AND SCHOOLS

ATC training goes computerized (at Fort Rucker, Ala). CW2 Mike Sheley. illus USA Avn Dig 17:31-35 Dec '71

Above the best. LtCol W.G. Cretney and Lt R.J. Dooling. illus MarCor Gaz 55:32-35 Jun '71

Army copter school (Fort Wolters, Ky) to graduate AFers. AF Times 31:10 Apr 14 '71

Final fixed wing class (at the Army Aviation School, Fort Rucker, Ala). Capt Tom Greene. illus USA Avn Dig 17:31-35 Sep '71

Help at the learning center (U.S. Army Aviation School, Fort Rucker, Ala). Lt John H. Zwarensteyn. illus USA Avn Dig 17:26-28 Apr '71

Mission: Flatiron. WO1 Michael D. Sheley. illus USA Avn Dig 17:10-13 Aug '71

USAF rotary-wing trainees at (Fort) Rucker (Ala). Armed Forces J 108:13 Mar 1 '71

(U.S.) Army (Aviation Center, Fort Rucker, Ala) given Daedalian (Weapons System) Award. illus USA Avn Dig 17: inside back cover Aug '71

ARMY AVIATION MATERIEL LABORATORIES see

Air Mobility Research and Development Laboratories

ARMY COMBAT DEVELOPMENTS COMMAND

Army aircraft vulnerability and survivability. LtCol Francis I. Lopes. illus USA Avn Dig 17:2-5+ Nov '71

"Conliferation," smaller divisions, better intelligence ... and hard choices. Interview. LtGen John Norton. illus chart Armed Forces J 108:34-35 Aug '71

ARMY COMBAT SURVEILLANCE AND ELECTRONIC

WARFARE SCHOOL see Education, Technical--Army--U.S.

ARMY COMMUNITY SERVICE PROGRAM

Schilling Manor. LtCol Jerry L. McKain. illus Mil Rev 51:24-29 Nov '71

ARMY EMERGENCY RELIEF

When you really need it, Army Emergency Relief is there. illus Soldiers 26:54-56 Sep '71

ARMY GENERAL STAFFDirectories

The General Staff. Pors only. Army 21:97 Oct '71

ARMY MATERIEL COMMAND

See also subcommands by name, e.g.,

Missile Command
Mobility Equipment Command
Tank-Automotive Command

AMC streamlining aims to 'put it all together.' Gen Henry A. Miley, Jr. illus tab Army 21:42-46 Oct '71

AMC's management information system. John C. Gilbert. illus tab Army Log 3:8-11 Jan-Feb '71

AMC's role in logistics readiness support. Col Robert L. Hall. illus Army Log 3:16-17 Jul-Aug '71

(Army Materiel Command observed ninth anniversary, August 1st) Signal 26:65-66 Oct '71

New men, new materiel. Gen Henry A. Miley, Jr. illus Ordnance 55:436-439 Mar-Apr '71

PROMAP-70: System engineering process. E. Oakley Drumneller, Jr and others. illus Def Ind Bul 7:4-9 Winter '71

Pollution's last gasp. Owen J. Remington. illus Soldiers 26:26-31 Nov '71

Organization

AMC reorganizes low-speed aviation R&D. Armed Forces J 108:16-17 Feb 1 '71

ARMY POSTSUnited States

Army posts are entered by name and location as given by the U. S. Organization Chart Service's U.S. Military and Government Installation Directory.

Fort Benning, Ga

The now is very in at Fort Benning (Ga)--VOLAR (VOLunteer ARmy) test posts declare open season on sacred cows. L. James Binder. illus Army 21:22-29 Apr '71

Fort Benning, Ga--History

Trials and tribulations: Early days at Benning. Col Rolfe L. Hillman. illus Infantry 61:57-59 Jan-Feb '71

Fort Leavenworth, Kan--History

Cantament Leavenworth: 1827 to 1832. Col Forrest R. Blackburn. illus Mil Rev 51:57-66 Dec '71

Fort Wolters, Tex

The "Raven" flies from (Fort) Wolters (Tex) nevermore. Frances Marquess. illus USA Avn Dig 17:12-13 Nov '71

ARMY STRATEGIC COMMUNICATIONS COMMAND

Closing the communications gap. SP5 Eduardo E. Sanchez. Translog 2:19-20 May '71

STRATCOM goes to Germany--unique unit melds with Active comrades. illus Natl Guardsman 25:8-9 Oct '71

ARMY TOPOGRAPHIC COMMAND

Mapping in Southeast Asia. Col Edward G. Anderson, Jr. maps Mil Engr 63:232-235 Jul-Aug '71

ARMY TRAINING TESTS

Special Forces handle multiple missions--guerrilla warfare, civic action, Army Training Tests. SP4 Earle Holland. illus Natl Guardsman 25:16-17+ Dec '71

ARMY WAR COLLEGE

Development of the Army War College Coat of Arms. illus Parameters 1:78-79 Fall '71

Dialogue reestablished. (Army War College's Vietnam Panel talks to students) Col John J. McCuen. illus Army 21:14-20 Nov '71

Two-year route to an Army War College diploma. Col Paul Goodman. illus Army Dig 26:49-50 Mar '71

ARNOLD, Henry H.

Louder than words--the ease for Air Force modernization. Airman 15:4-6 Mar '71

ARNOLD, Jackson D.

How to modernize the U. S. fleet despite inflation and 'cost growths'--Chief of Naval Material outlines a 10-point program. George Chapman. illus Navy 14:7-12 Feb '71

Jujitsu and gophers. William F. Freel. por biog Navy 14:13-16 Feb '71

New chief of NMC slated--ADM Kidd (and other reassignments and retirements announced). L. Edgar Prina. por Navy 14:30 May '71

The unsung heroes--logisticians who supply the troops. por Ordnance 55:324-325 Jan-Feb '71

ARNOLD AIR SOCIETY

Arnold Air Society picks award winners. AF Times 31:50 Apr 28 '71

23d Annual Arnold Air Society Conclave (Hollywood, Fla, April 14-17, 1971). illus AF Mag 54:78-79 Jul '71

ARNOLD ENGINEERING DEVELOPMENT CENTER

Computers aid tests. AF Times 32:17 Dec 29 '71

Wind tunnel test 'educates' bombs. AF Times 32:33 Dec 1 '71

ARSENALS

New role for Aberdeen (Proving Ground, Md). (Merger with Edgewood Arsenal) Col Warren D. Hodges. illus Ordnance 56:132-135 Sep-Oct '71

ART

Air Force art. illus Airman 15:41-47 Jan '71

The pen and the sword. Pictorial. CDR Fred Freeman, Ret. US Nav Inst Proc 97:60-73 Dec '71

Soldiers' artist (Viktor Shcherbakov). L. Zabavskaya. illus Soviet Mil Rev No. 5:50-51 May '71

ARTILLERYSee also

Guns
Mortars

TACFIRE. Capt William W. Beverley. tab illus Fld Artilleryman, pp 24-35, Aug '71

ARTILLERY - Continued

TACFIRE--an automated artillery fire direction system. illus tabs Intl Def Rev 4:150-154 Apr '71

Army--Great Britain

Royal British artillery. LtCol Glenn K. Skulborstad. illus Fld Artilleryman, pp 67-76, Mar '71

Army--Italy

Artillery developments in the Italian Army. Gen Andrea Cucino. illus Intl Def Rev 4:139-141 Apr '71

Army--Russia

Development of cannon artillery. Col P. Grigoryev. illus Soviet Mil Rev No. 8:34-37 Aug '71

Army--U.S.

Remember these words--fire mission, over! illus USA Avn Dig 17:26-30 May '71

TRICAP artillery. Maj Jerry W. Childers. illus Army 21:23-25 May '71

History

Artillery helped win the West. Col Robert M. Stegmaier, Ret. illus Fld Artilleryman, pp 59-63, Aug '71

Marine Corps--U.S.

Marine Corps artillery. Capt David J. LaBoissiere. illus Fld Artilleryman, pp 26-29, Mar '71

ARTILLERY, ANTI-AIRCRAFT

Fighting airborne troops. Col R. Dukov. illus Soviet Mil Rev No. 1:16-17 Jan '71

Soviet airmobility. LtCol Joe B. Myers. illus USA Avn Dig 17:1-5 Sep '71

Vickers Falcon, a new self-propelled antiaircraft gun. Richard M. Ogorkiewicz. illus tab Armor 80:17-19 Sep-Oct '71

ARTILLERY, ANTITANK

IKV 91: Sweden's new tank destroyer. R.M. Ogorkiewicz. tab illus (Also cutaways) Intl Def Rev 4:268-270 Jun '71

Soviet APC's reveal a shift in tactics. LtCol R.F. Sullivan. illus tab Infantry 61:30-31 Nov-Dec '71

Study and Teaching

Rocket launcher versus tank. LtCol V. Yevtkhiev. illus Soviet Mil Rev No. 12:20-21+ Dec '71

ARTILLERY, FIELD

An armored challenge to the king of battle. Maj Hans R. Ammann. Fld Artilleryman, pp 13-16, Mar '71

Lance. Maj Lee O. Ringham. illus Fld Artilleryman, pp 4-11, Aug '71

TRICAP artillery. Maj Jerry W. Childers. illus Army 21:23-25 May '71

Tanks in the artillery role. illus Fld Artilleryman, pp 53-54, Mar '71

Study and Teaching

Marine Corps artillery. Capt David J. LaBoissiere. illus Fld Artilleryman, pp 26-29, Mar '71

ASIA

East-West--the twain have met. (Adapted from Dillingham Lecture, Center for Cultural and Technical Interchange Between East and West, Honolulu, Nov 11, 1970) Lee Kuan Yew. illus Mil Rev 51:76-83 Jul '71

Events in the Middle East and Asia (varies slightly). A. H. S. Candlin. Regular feature in some issues of Army Quarterly and Defence Journal

The military balance in the Indian subcontinent. Ravi Rikhye. Armed Forces J 108:32-33 Jul 19 '71

ASIA, SOUTHEASTERN

The control of ethnic minorities in remote South Asia areas. Col Victor J. Croizat. illus maps tab MarCor Gaz 55:18-27 Feb '71

The Far East Air Force. AVN N.M. Maynard. illus Royal Air Forces Qtr 11:7-14 Spring '71

Southeast Asia: Issues and prospects. Robert A. Scalapino. Persp in Def Mgt, pp 21-31, Autumn '71

Foreign Relations--Japan

Japan and Southeast Asia. Niu Sien-Chong. illus map Mil Rev 51:63-71 Oct '71

Politics and Government

The control of ethnic minorities in remote South Asia areas. Col Victor J. Croizat. illus maps tab MarCor Gaz 55:18-27 Feb '71

Social Conditions

The overseas Chinese in South-East Asia. Niu Sien-Chong. illus NATO's Fifteen Nations 16:52-56 Aug-Sep '71

ASSIGNMENTS, MILITARYSee also

Tours of Duty

AFmen urged to stay put. AF Times 32:5 Dec 22 '71

Assignment stability of specially trained and highly qualified personnel in weapon system acquisition programs. TIG Brief 23:4 Dec 31 '71

Base-choice: Is anyone happy? Bruce Callander. AF Times 31:13 Jan 27 '71

Benefits of instructor duty. Capt James F. McKernan. USAF Instrs J 9:56-58 Fall '71

(BrigGen) Cross to retire, former LBJ pilot (and other general officer actions announced). AF Times 31:8 Apr 14 '71

(BrigGen) Talbot, (MajGen) Patterson replace each other (and retirements, promotions, and other reassignments announced). illus Aerosp Med 43:591 May '71

(BrigGens) Heimstra, Wilkins, receive assignments (and promotions and other reassignments announced). illus Aerosp Med 42:592 May '71

Brofft named to head Pacific Exchange System--Vande Hey to retire (and other reassignments and retirements announced). AF Times 31:3 Mar 17 '71

CHAP assignment procedure altered. Jim Sample. AF Times 32:1+ Nov 17 '71

Clay to command PACAF; Lavelle gets top SEA job (and other star retirements and reassignments announced). AF Times 31:3 May 19 '71

Command and staff: Personnel management problems. Maj Nelson L. Marsh. illus tab USA Avn Dig 17:1-7 Jan '71

ASSIGNMENTS, MILITARY - Continued

Dependent support privileges. TIG Brief 23:4 Apr 23 '71

'Dream sheets' on file. AF Times 32:2 Nov 3 '71

8 generals (and general selectees) getting new assignments. AF Times 31:54 May 5 '71

4 generals announce retirement (and others are re-assigned). AF Times 32:5 Nov 24 '71

Four generals get new posts (and two retire). AF Times 32:2 Sep 15 '71

Gen Davison to CinC USAREUR. illus Armor 80:62 May-Jun '71

(Gen John C.) Meyer hits transfers of unfit. AF Times 32:19 Dec 1 '71

General officer changes. Regular feature in News Call section of issues of Army

Generals get new jobs. AF Times 32:4 Nov 17 '71

Holzapple retires, (LtGen David C.) Jones gets USAFE, (and other star retirements and assignments announced). illus AF Times 32:4 Aug 18 '71

(LtGen Earl C.) Hedlund receives job with CENTO (and other star shifts announced, including changes at Air War College). AF Times 31:3 Jun 30 '71

(LtGen Joseph H.) Moore retires, (and other general officers) shifts on. Ed Gates. AF Times 31:17 Apr 14 '71

MajGen Desobry to Fort Knox (Ky). illus Armor 80:62 May-Jun '71

MajGen Irby to head VMI. Armor 80:63 May-Jun '71

MajGen Smith to Fort Hood (Tex). Armor 80:62-63 May-Jun '71

Move notices advance. AF Times 32:2 Nov 17 '71

My desk is in North Korea. Capt Robert P. Everett. illus Airman 15:4-8 Aug '71

Nazzaro retires as PACAF chief (and Gen Lucius D. Clay, Jr will replace him). illus AF Times 31:21 Jul 28 '71

New career opportunity for Philippine recruits. Armed Forces J 108:13 Mar 1 '71

New chief of NMC slated--ADM Kidd (and other re-assignments and retirements announced). L. Edgar Prina. illus Navy 14:30 May '71

New 839th AD commander is a veteran airlifter-- Gen (John H.) Herring replaces Gen (William A.) Dietrich. Tac Alft 1:5 Jul '71

New system to speed notice of o'sea moves. AF Times 32:4 Sep 8 '71

Officer assignment. TIG Brief 23:9 May 21 '71

Officer corps reform is our job. LtCols William L. Hauser and Zeb B. Bradford, Jr. illus Army 21:34-39 Dec '71

Pontius Pilot slept here. (Air Force Communications Service radio relay site in the Tyrolean Alps) Capt Robert B. Gair. illus Airman 15:42-47 Aug '71

Project Palace Armor. TIG Brief 23:11 Jan 15 '71

SEA critical skills resource list revised. AF Times 31:22 Aug 4 '71

Shift notice ends officer options. AF Times 31:3 Jul 14 '71

ASSIGNMENTS, MILITARY - Continued

6535 (USAF uniformed personnel) assigned non-AF duties--most serve in DOD. AF Times 32:13 Aug 11 '71

Somebody up there cares. Maj G. C. Kemp. illus MarCor Gaz 55:31-35 Aug '71

Star status: Army, Navy, Air Force. Regular feature in issues of Armed Forces Journal

10 generals on orders; two retire. AF Times 31:3 Jan 27 '71

3 will advance to b(rigadier) g(eneral) May 1 (and reassignments announced). AF Times 31:4 Apr 28 '71

20 generals named for new positions. AF Times 31:4 Jun 9 '71

2 generals (LtGens Richard P. Klocko and Robert H. Warren) retiring; (MajGen Gordon T.) Gould to move up (and other reassignments announced). AF Times 31:5 May 26 '71

Wells, strict IG retires in August (and promotions and reassignments announced). AF Times 31:8 Jul 28 '71

What to expect from I&I duty. Maj Gary E. Elliott. MarCor Gaz 55:59-60 May '71

What's wrong with being an expert? (Disadvantage of Army's reassignment policy) BrigGen Lynn D. Smith, Ret. Army 21:26-29 Nov '71

'Wimpy' Wilson to retire; other star shifts slated. AF Times 31:10 Jul 21 '71

Young Marines as recruiters. MSgt William D. Lohan. MarCor Gaz 55:47 Jun '71

ASSISTANT CHIEF OF STAFF FOR COMMUNICATIONS-ELECTRONICS--ARMY

Tight budgets, mission challenge Force planners. LtGen Robert R. Williams. illus Army 21:80-85 Oct '71

ASSOCIATION OF OLD CROWS

AOC: A key to technological progress. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) A. R. Matthews. illus map tabs Elect Warfare 3:4-5+ Summer '71

ASSOCIATION OF THE U.S. ARMY

(Dean) Rusk to receive (George) Marshall Medal. illus Army 21:9 Sep '71

(Excerpts from AUSA's 1971 Annual Meeting, Washington, Oct 11-13, 1971) Eric C. Ludvigsen. illus Army 21:38-46 Nov '71

1971 resolutions. Army 21:50-52 Nov '71

President's report. Edward C. Logelin. illus Army 21:47-48 Nov '71

ASTRONAUTICAL CONFERENCES see Conferences, Astronautical

ASTRONAUTICS see Space Flight

ASTRONAUTS

Aldrin to head Aerospace (Research) Pilot School. George Weiss. illus Armed Forces J 108:12 Feb 1 '71

Astronaut Aldrin returning to AF. AF Times 31:5 Jan 27 '71

DSM won by (LtCol Stuart A.) Roosa. AF Times 31:36 Mar 31 '71

ASTRONAUTS - Continued

Decade in space: Man to the moon. AF Times 31:13 May 19 '71

'Firsts' seen in Apollo 15. AF Times 31:59 Jul 7 '71

Irwin, Worden advanced via space hike program. AF Times 32:2 Aug 25 '71

(LtCol Stuart A.) Roosa awarded DSM, (Command Pilot) Astronaut Badge. AF Ploy Ltr for Comdrs: Sup No. 6:27 Jun '71

(Lt)Col (Stuart A.) Roosa awarded DSM, (Command Pilot) Astronaut Badge. Contact 25:5 May-Jun '71

(Maj Stuart A.) Roosa, 6th AF pilot, set for moon shot. AF Times 31:2 Jan 6 '71

A new step in space--crew of the Soyuz-10 spaceship illus Soviet Mil Rev No. 6:10-11 Jun '71

On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71

Once a fighter pilot. illus Space World H-4-88:20-23 Apr '71

Soviet cosmonauts and satellites. Pictorial. Space World H-6-90:21-32 Jun '71

Spaceman to head (National Air and Space) Museum (of the Smithsonian Institution). AF Times 31:33 Mar 10 '71

2 on Apollo 14 get hike; Shepard star rumored. AF Times 31:2 Feb 24 '71

Biography

Air Force tracks on the moon (Apollo 15). illus Airman 15:3-8 Jul '71

Biographical data on the Soyuz 10 crew. illus Space World H-8-92:8-9 Aug '71

Education and Training

All-AF Apollo 15 meets 1961 goal. Bruce Callander. AF Times 32:13 Aug 11 '71

(Dr Harrison H.) Schmitt earned AF wings--civilian astronaut flies jets. AF Times 32:24 Sep 15 '71

Walk on the moon. Interview. Col James Irwin. illus Aerosp Safety 27:2-5 Nov '71

ASTRONOMYSee also

Radio Astronomy

Astronomical notebook. J. S. Griffith. Regular feature in some issues of Spaceflight

Earth/Mars orbit demonstrations. John R. Millburn. illus tab Spaceflight 13:259-262 Jul '71

Lunokhod I on the expansion of the universe. Sergei Mandelshtam. Space World H-4-88:46 Apr '71

ATLANTIC COMMAND, ALLIED see Allied Command AtlanticATLANTIC COMMUNITY

The Atlantic Alliance: Its present problems and its aims. Nuri Birgi. NATO's Fifteen Nations 15: 31-33+ Dec '70-Jan '71

ATLANTIC FLEET see Fleet, 2dATMOSPHERE, UPPER

'Cannon, Musket' (scientific satellites) to probe density. AF Times 31:38 Jun 30 '71

The ionosphere satellite ISIS (International Satellite for Ionospheric Studies)-B. illus Space World H-7-91:38-41 Jul '71

ATMOSPHERE, UPPER - Continued

The Italian San Marco-C. illus map Space World H-8-92:28-30 Aug '71

Planetary Atmosphere Experiments Test (PAET). map illus (Also cutaway) Space World H-9-93: 28-34 Sep '71

The SST threat to the environment: Facts or guesswork? illus Interavia 26:813-815 Jul '71

ATMOSPHERIC RESEARCH see Atmosphere, UpperATOMIC ENERGY COMMISSION

Funding increased for engineers, VA, Coast Guard, and Mar(itime) Ad(ministration). Armed Forces J 108:36-37+ Feb 15 '71

ATTACHÉS, MILITARY

The role of the military attaché. Raymond J. Barrett. illus Mil Rev 51:50-55 May '71

ATTACK AND DEFENSE (MILITARY SCIENCE)

City fighting: Old doctrine, new techniques. Capt Grady A. Smith. illus Infantry 61:28-31 May-Jun '71

Don't forget the defense. Capt Lawrence D. Galehouse. illus Infantry 61:36-38 Nov-Dec '71

Double attack revisited. Maj Vincent P. Roy. illus USAF Ftr Wpns Rev No. 1:26-32 Spring '71

Double attack revisited one more time. Maj Garry Skaret. illus USAF Ftr Wpns Rev No. 2:14-16 Summer '71

Effective antitank defense. Ferdinand Otto Miksche. (Trans and condensed from a German publication) illus tabs Mil Rev 51:48-56 Dec '71

The final protective line. Hugo E. Mayer, Jr. illus tabs MarCor Gaz 55:18-25 Dec '71

The walls of Jericho or cordon and search. Charles L. Black. illus Infantry 61:6-11 May-Jun '71

ATTITUDES

Few change mind once in uniform--officer career attitudes. George Foster. AF Times 31:4 Jun 16 '71

Flying and expressive self-testing: An exploratory consideration. John M. Roberts and CDR James O. Wicke. tabs Nav War Col Rev 23:67-80 Jan '71

Frustration cited in riots--opportunity chief's view. Tony McHale. AF Times 31:1+ Jul 7 '71

The military mind. LCDR Robert G. Partlow. US Nav Inst Proc 97:81-82 Feb '71

Recruits trained to 'accept' AF. AF Times 31:19 Jun 2 '71

Reflected attitudes. MSgt Kenneth J. Urbanowicz. USAF Instrs J 9:50-52 Summer '71

The road back. G. William Whitehurst. illus MarCor Gaz 55:18-20 Apr '71

AUDIO-VISUAL INSTRUCTIONSee also

Visual Aids

Compressed speech. Capt Charles J. Nath III and Meredith W. Watts, Jr. USAF Instrs J 9:15-21 Summer '71

Films help reduce pilot training time. AF Times 31:22 Feb 17 '71

Learning center approach. Capt Jack A. Romines. illus USAF Instrs J 8:7-11 Spring '71

AUDITING

The auditor and performance measurement. E. Joseph Hill. illus Def Ind Bul 7:15-17+ Fall '71

Career development and the Auditor General. Capt Augustine F. Campana. illus AF Compt 5:20-22 Mar '71

Evaluating agency management. Eckhard Bennewitz. illus Def Mgt J 6:41-43 Feb '71

Looking at logistics through audit. Frank A. Gleason, Jr. illus Army Log 3:28-32 Sep-Oct '71

Study and Teaching

Career development and the Auditor General. Capt Augustine F. Campana. illus AF Compt 5:20-22 Mar '71

AUSTIN, James S., Jr

Credibility dilemma. Capt James S. Austin, Jr. USAF Instrs J 8:33-35 Winter '70-'71

AUSTRALIAForeign Policy

Australia's defense policies and the Asian point of view. LtCol E.H. Dar. illus tab US Nav Inst Proc 97:56-59 Dec '71

Foreign RelationsUnited States--History

The eagle and the 'roo: American fleets in Australian waters. John Hammond Moore. illus US Nav Inst Proc 97:43-51 Nov '71

Strategic Importance

Australia's defense policies and the Asian point of view. LtCol E.H. Dar. illus tab US Nav Inst Proc 97:56-59 Dec '71

AUSTRIA

Austria's defense. Maj Ronald A. Hofmann. illus map Mil Rev 51:52-62 Oct '71

AUTOMATIC DIGITAL NETWORK

A communication center (Naval Message Center) on the move. LCDR Orelan R. Carden, Jr. illus Mil Engr 63:9-11 Jan-Feb '71

The DCS (Defense Communications System) today and how it operates. (Address, Ft Monmouth (NJ) Chapter, AFCEA, 1971?) BrigGen Herbert A. Schulke, Jr. Signal 25:22-24 Jul '71

Signal interviews LtGen Richard P. Klocko. Signal 26: 6-7 Sep '71

AUTOMATIC LANDING SYSTEMS

ATA roundtable discussion on automatic flight and landing. illus Interavia 26:1300-1302 Nov '71

Air traffic control--crisis in the United States. J. Philip Geddes. tab Interavia 26:1182-1183 Oct '71

Automatic flight--an introduction. Max Nibloe and others. illus Interavia 26:1141-1144 Oct '71

Automatic flight: Into the next decade--the TriStar AFCS. illus tabs Interavia 26:1416-1418 Dec '71

Automatic flight--the American view. illus tab Interavia 26:1145-1147 Oct '71

Boeing 747 certificated for Cat III. illus Interavia 26:1303-1305 Nov '71

C-SCAN: Pilot's window to the deck. Harold Hechtman. illus Signal 26:32:34+ Dec '71

AUTOMATIC LANDING SYSTEMS - Continued

Cat(egory) Two and you. Maj Edward H. Josephson. illus tab MAC Flyer 18:21-23 Jun '71

ILS and the microwave landing system. E. R. Hollm. illus Interavia 26:142-143 Feb '71

ILS--Instrument Landing System. Lt David J. Cann. illus Approach 17:8-12 Aug '71

MADGE (Microwave Aircraft Digital Guidance Equipment)--a new landing guidance aid. illus Interavia 26:939 Aug '71

MADGE (Microwave Aircraft Digital Guidance Equipment) system. Armed Forces J 109:21 Dec '71

TAPIR--a French approach to automatic flight. illus tab Interavia 26:1419-1420 Dec '71

Triplex and simplex--the Trident and the Caravelle. illus Interavia 26:1148-1150 Oct '71

The VC 10 and BAC One-Eleven flight control and landing systems. illus Interavia 26:1306-1308 Nov '71

AUTOMATIC VOICE NETWORK

The DCS (Defense Communications System) today and how it operates. (Address, Ft Monmouth (NJ) Chapter, AFCEA, 1971?) BrigGen Herbert A. Schulke, Jr. Signal 25:22-24 Jul '71

Long distance dialing comes to Southeast Asia. LtCol Charles S. Richardson. illus Signal 25: 10-13 Mar '71

Telephone discipline. TIG Brief 23:7 Dec 31 '71

Testing

Scope Creek (system analysis). R. L. Feik. illus Signal 26:16-18+ Sep '71

AUTOMATIONSee also

Electronic Data Processing Systems

Airline automation. illus Interavia 26:257-259 Mar '71

Automatic devices for space exploration. V. Shvarev and V. Bulekov. Space World H-1-85:33-37 Jan '71

Automation for effective telecommunications. James W. Madden. illus Signal 26:11-13 Nov '71

Automation in air traffic control. illus Def Trans J 27:38-41 Jul-Aug '71

The case for space automation. Boris Petrov. Space World H-3-87:36-37 Mar '71

Communications: The essence of human life. Sen Hubert H. Humphrey. Signal 26:10-12 Sep '71

Moon samples by automation. Kenneth W. Gatland. illus (Also cutaway) Spaceflight 13:2-5+ Jan '71

The need to do more with less. BrigGen Jack B. Robbins. illus Signal 25:18-21 May '71

New horizons for Postal Service. Leon Shloss. illus Govt Exec 3:32+ Feb '71

'A 1,000 gallons, please--and charge it!' Avfuel now purchased with credit cards. Mildred M. Hanson. illus AF Compt 5:13 Mar '71

Reliability of automation versus manned spaceflight. Boris Evseev. Space World H-8-92:31-33 Aug '71

Signal interviews the military communicators. RADM Francis J. Fitzpatrick and MajGens Gordon T. Gould, Jr and George E. Pickett. illus Signal 25: 80-82+ Jun '71

AUTOMATION - Continued

Warfare by computer. (Data automation in the Tactical Air Control System) LtCol Fred L. Crocelius. illus Tac Air Warfare Cen Qtr Rpt 2:28-35 Dec '70

AUTOMOBILES

Auto grants broadened for disabled. AF Times 31:6 Feb 10 '71

Auto regs (for shipping) altered. AF Times 31:17 Mar 10 '71

Automobiles--restraints tested. illus Govt Exec 3:17+ Feb '71

'Brazil profiteers' receive tax dun. AF Times 31:54 May 5 '71

"Can I take my horse?" LtCol John P. Cover. illus Translog 2:9-10+ Apr '71

Car shipping ban to end in July '72. Bob Schweitz. AF Times 31:1+ Jun 9 '71

The clean car--waging a war of nerves. Govt Exec 3:19 Dec '71

Fast car buyers warned. Bob Schweitz. AF Times 31:1+ Apr 21 '71

New auto decals due this month. AF Times 31:8 Jan 13 '71

Recruiters boost personnel, autos. AF Times 32:5 Nov 24 '71

Shipping your car? Follow these rules. AF Times 32:45 Nov 24 '71

Drivers and Driving
See Motor Vehicles--Drivers and Driving

Laws and Regulations

The law and you. AF Times, What divorce proceedings entail. 31:30 Jan 6 '71; Several methods final ize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

Maintenance and Repair

Vehicle pollution control. TIG Brief 23:21 Feb 12 '71

Testing

Air Force testing electric truck, bus. illus Armed Forces J 108:37 Mar 1 '71

AUTOPILOT

Automatic flight: Into the next decade--the TriStar AFCS. illus tabs Interavia 26:1416-1418 Dec '71

TAPIR--a French approach to automatic flight. illus tab Interavia 26:1419-1420 Dec '71

The VC 10 and BAC One-Eleven flight control and landing systems. illus Interavia 26:1306-1308 Nov '71

AUXILIARY POWER SYSTEMS see Space Vehicles--Power Supply

AUXILIARY SHIPS

See also
Hospital Ships
Icebreakers

Libya

LNS Zeltin--maintenance and repair ship for Libya. John Rix. illus US Nav Inst Proc 97:95-98 Jan '71

United States

"Capable of serving as a naval and military auxiliary." Lane C. Kendall. illus tab US Nav Inst Proc 97: 210-227 May '71

History

Lenoir's (wooden cable-layer) last voyage. 1st Lt Robert Gair. illus Airman 15:5-11 Apr '71

AVIATION

For articles on commercial air transportation companies see Airlines; for articles on technical and technological aspects of aviation and aircraft see Aeronautics; for popular, nontechnical articles on the pleasures of flying see Flying.

See also
Flights, Famous and Historic

International aviation digest. Regular feature in some issues of Interavia

Exhibitions

See also
Aerobatics

France

The aircraft shown in Paris (Air Show, 1971). Table only. Interavia 26:799-800 Jul '71

Le Bourget (29th Paris Air Show) 1971--the world's most expensive fair. illus Interavia 26:787-795 Jul '71

The British aircraft industry at Paris 1971. Gordon Swanborough. illus NATO's Fifteen Nations 16: 36-44 Jun-Jul '71

Engines: Increased power and reduced dimensions. (Exhibits at Paris Air Show, 1971) illus Interavia 26:796-798 Jul '71

Equipment--the new sources (at the 1971 Paris Salon) illus Interavia 26:922-929 Aug '71

French aerospace industry vitality revealed at the 29th Paris Air Show. J. Noetinger. illus NATO's Fifteen Nations 16:26-29+ Jun-Jul '71

General aviation at Le Bourget. illus Interavia 26: 917-920 Aug '71

The military aspect of the Paris Air Show. John Marriott. Armed Forces J 108:38-39 Jun 21 '71

Paris (29th Salon Internationale de l'Aéronautique et de l'Espace, May 27-June 6, 1971) photo report. Brian M. Service. Air Pict 33:231-235 Jul '71

What's where at the Paris Air Show. (Picto-guide to exhibitors, 1971) Aerosp Intl 7:8-15 May-Jun '71

Great Britain

Boscombe's regal day--A&AEE (Aeroplane and Armament Experimental Establishment) 50th anniversary display. J. D. R. Rawlings. illus Air Pict 33: 168-170 May '71

Farnborough 1970. Basil Clarke. illus Royal Air Forces Qtr 10:293-296 Winter '70

AVIATION - ContinuedExhibitions - Cont'dJapan

Japanese seeking foreign markets, foreigners seeking Japanese markets--postscript to the Nagoya Air Show (Nov 1971). Max Nibloe and John F. Brindley. illus Interavia 26:1363-1366 Dec '71

United States

Air shows again. (Projected Dulles Exposition, Washington, May 27-June 4, 1972) illus Govt Exec 3:23 Apr '71

History

Smithsonian hails (AF) Academy exhibit (on ballooning). AF Times 32:53 Sep 29 '71

Some important events in aviation and space during the period 1946-1971. Table only. Interavia 26:328-329+ Apr '71

International Aspects

Eurocontrol after ten years. René Bullin. chart tab Interavia 26:132-134 Feb '71

Requests for foreign operating and military rights. TIG Brief 23:25 Mar 12 '71

Laws and Regulations

See Air Law

Physiological Aspects

See also specific conditions, e.g.,

Decompression	Motion Sickness
Hypoxia	Vertigo

Acceleration and human performance. W.F. Grether. illus tabs Aerosp Med 42:1157-1166 Nov '71

Aeromedic. Regular feature in some issues of United States Army Aviation Digest

Body fat, denitrogenation and decompression sickness in men exercising after abrupt exposure to altitude. T.H. Allen and others. illus tabs Aerosp Med 42:518-524 May '71

Carbon dioxide response curves at altitude. G.W. Gray and others. illus tabs Aerosp Med 42:1069-1073 Oct '71

Comparative effects of vibration on monocular and binocular vision. Morton K. Ohlbaum and others. illus tabs Aerosp Med 42:36-41 Jan '71

Comparisons of nystagmic responses in basic airmen, grounded pilots and active pilots. Gregory J. Matz and James W. Wolfe. illus tabs Aerosp Med 42:627-629 Jun '71

Crew performance as a factor of information input. Richard E. McKenzie. tabs Aerosp Med 42:337-339 Mar '71

Effect of acclimatization to altitude and cold on basal heart rate, blood pressure, respiration and breath-holding in man. C.S. Nair and others. illus tabs Aerosp Med 42:851-855 Aug '71

Effect of altitude acclimatisation and cold on cold pressor response in man. C.S. Nair and others. illus tabs Aerosp Med 42:991-994 Sep '71

Effect of altitude and cold acclimatisation on the basal metabolism in man. C.S. Nair and others. illus tabs Aerosp Med 42:1056-1059 Oct '71

AVIATION - ContinuedPhysiological Aspects - Cont'd

Effect of endurance training on the urinary excretion of noradrenaline and adrenaline during ground and flying activity. P.J. Sarviharju and others. illus tabs Aerosp Med 42:1297-1302 Dec '71

Excretion patterns of air traffic controllers. H.B. Hale and others. illus tabs Aerosp Med 42:127-138 Feb '71

Field study of transport aircrew workload and rest. Bryce O. Hartman. illus tabs Aerosp Med 42:817-821 Aug '71

Flying West best, study shows. AF Times 31:41 May 26 '71

Human factors in relation to the development of pressurized cabins. (Harry G. Armstrong Lecture, 42d Annual Meeting, Aerospace Medical Assoc, Houston, Tex, 1971) Ross Armstrong McFarland. illus tabs Aerospace Med 42:1303-1318 Dec '71

Investigation of fatal aircraft accidents: "Physiological incidents." Laurence R. Simson, Jr. illus Aerosp Med 42:1002-1006 Sep '71

Neurological decompression sickness: Report of two cases at minimal altitudes with subsequent seizures. Jefferson C. Davis and others. Aerosp Med 42:85-88 Jan '71

Physiological aspects of aircraft accident investigation. C.W. Sem-Jacobsen. illus Aerosp Med 42:199-204 Feb '71

Pilot fatigue--management and command responsibility. illus Aerosp Safety 27:2-3 Jun '71

Pilot reports of disorientation across 14 years of flight. Brant Clark. tab Aerosp Med 42:708-712 Jul '71

Responses to Coriolis stimulation in nonmotionsick and motionsick-prone navigators compared with pilots and airman trainees. P.J. Dowd and others. tab Aerosp Med 42:703-705 Jul '71

Roentgenological aspects in the examination of paranasal sinuses in aviators. Istvan Simonyi. tabs Aerosp Med 42:569-571 May '71

'Stress' tested at Wright-Patterson AFB, Ohio. AF Times 32:40 Sep 15 '71

Testing of the vestibular system. Robert H. Mathog and Robert L. Cramer. illus tabs Aerosp Med 42:741-745 Jul '71

"Tired? Who's tired?" illus tab Approach 17:40-42 Aug '71

Psychological Aspects

Flying West best, study shows. AF Times 31:41 May 26 '71

The magic words. Capt Thomas F. Menza. USAF Instrs J 8:29-32 Spring '71

France

General aviation in France. Pierre Girault. illus tabs Interavia 26:545-547 May '71

Great BritainHistory

Rolls-Royce "Flying Bedstead." Elfan ap Rees. illus tab Air Pict 33:217 Jun '71

AVIATION - ContinuedIran

Aviation in Iran. M.J. Hardy. illus tab Air Pict 33: 80-86 Mar '71

United States

Why Combat Crew? Maj R.J. Peisher. illus Combat Crew 22:4-7+ Jun '71

History

The American Fokkers. Peter M. Bowers. illus Am Avn Hist Soc Jour pt 1, 11:79-92 Summer '66; pt 2, 11:253-265 Winter '66; pt 3, 12:174-188 Fall '67; pt 4, 16:188-195 Fall '71; pt 5, 16:252-262 Winter '71

A coming of age--aviation in the Army National Guard. 1stLt Luther L. Walker. illus Natl Guardsman 25:2-11 Jul '71

The disappearance of Paul Redfern. Henry S. Villard. illus map Am Avn Hist Soc J 16:47-49 Spring '71

Harold E. Morehouse--biographer of the flying pioneers. Ernest L. True. illus Am Avn Hist Soc J 16:20-26 Spring '71

In the beginning. (Exchange of aircraft maintenance and material information) Jack Chilton. illus Approach 17:6-8 Nov '71

The Lockheed Orion 9D--an aircraft between the ages. Terrance A. Geer. illus (Also cutaway) tab Am Avn Hist Soc J 16:40-46 Spring '71

Something (not so funny) happened to airpower on the way to the (AF) Museum (Wright-Patterson AFB, Ohio). Col Barney Oldfield, Ret. illus NATO's Fifteen Nations 16:76-81 Aug-Sep '71

The way it used to be (flying the Curtis aeronautical apparatus). Capt Gary A. Guimond. illus Airman 15:12-14 Jun '71

AVIATION, COMMERCIAL

Here are entered general articles on transportation of personnel and/or cargo by commercial aircraft.

See also

Air Cargo
Airlines
Airports

An American view: The outlook for general aviation. George T. Humphrey. illus Interavia 26:232-233 Mar '71

Studies on the Pacific area. Interavia 26:361 Apr '71

"Tourism and air transport." John F. Brindley. Interavia 26:30 Jan '71

Economic Aspects

The airline industry and its profitless growth. Edgar E. Ulsamer. illus Aerosp Intl 7:6-10 Jan-Feb '71

Airlines in 1970: Hiring and profits drop. AF Times 31:13 Jan 20 '71

Boeing's superjet (747): The first year in service. illus Interavia 26:684-687 Jun '71

An economic analysis of U.S. airlines. George W. James. illus Aerosp Intl 7:14-17 Jan-Feb '71

New U.S. domestic fare guidelines. Interavia 26:658 Jun '71

Profitless growth--state of airline industry. Charles Stuart. illus tabs Interavia 26:1243-1244 Nov '71

Reasons for the crisis--state of the airline industry. Charles C. Tillinghast, Jr. illus Interavia 26:1249-1250 Nov '71

AVIATION, COMMERCIAL - ContinuedEconomic Aspects - Cont'd

The supplementals' right to live--state of the airline industry. (Based on interview with Edward J. Driscoll) illus tab Interavia 26:1251-1252 Nov '71

Thin edge of the wedge--IATA airlines approve fare and rate surcharges, to recoup users' charges. Interavia 26:231 Mar '71

A time for realism--state of the airline industry. M. Nibloc. illus tabs Interavia 26:1245-1248 Nov '71

International AspectsSee also

Airplane Hijacking

Are tariff changes the solution? Interavia 26:893 Aug '71

ICAO reports on world air transport. Interavia 26:894 Aug '71

Revised Warsaw Convention drawn up. Interavia 26: 486 May '71

The Soviet challenge. Interavia 26:657 Jun '71

Laws and RegulationsSee Air LawStatistics

The development of scheduled air traffic, 1968-70. map tabs Interavia 26:1275-1277 Nov '71

ICAO reports on world air transport. Interavia 26:894 Aug '71

A time for realism--state of the airline industry. M. Nibloe. illus tabs Interavia 26:1245-1248 Nov '71

Brazil

Civil aviation in Brazil. (Interview with Brig Castro Neves) Interavia 26:668 Jun '71

China (People's Republic)

Commercial aviation in China. Pictorial. Air Pict 33:167 May '71

France

The role of V/STOL in civil aviation. A. Bridenne. illus tab Interavia 26:1177-1178 Oct '71

Great Britain

BAC's commercial aircraft prospects. illus tab Air Pict 33:380-383 Oct '71

Israel

Civil aviation in Israel. Arnold Sherman and Paul Giniewski. illus NATO's Fifteen Nations 16:74-77 Jun-Jul '71

Spain

Spectacular use of Fokker F. 28 by Iberia. D.H. Chopping. illus tab map Interavia 26:581-584 May '71

United States

Airlines--a cure for chewing up. illus Govt Exec 3:16 Feb '71

The military-civilian airlift partnership. MajGen Maurice F. Casey. illus Translog 2:2-5 Mar '71

Transportation safety. Interview. LtGen Benjamin O. Davis, Jr, Ret. illus Def Trans J 27:18-22 Nov-Dec '71

AVIATION CLUBS see Aero Clubs

AVIATION MEDICINE

See also

Space Medicine

Aeromedic. Regular feature in some issues of United States Army Aviation Digest

Cerebral dysfunction as a cause of pilot failure during training or operational flight. G. J. Kidera and others. *Aerosp Med* 42:559-563 May '71

Compensated hemolytic anemia associated with Gilbert's syndrome: A case report. George M. Stone. *Aerosp Med* 42:785-786 Jul '71

Epidemiological aspects of airport medicine. J. G. Constantino. *Aerosp Med* 42:456-460 Apr '71

Epidemiological study of in-flight airline pilot incapacitation. Linton L. Kulak and others. tabs *Aerosp Med* 42:670-672 Jun '71

Hazard rate of recurrence in patients with malignant melanoma. Fred G. Conrad and others. illus tabs *Aerosp Med* 42:1219-1225 Nov '71

Neurological decompression sickness: Report of two cases at minimal altitudes with subsequent seizures. Jefferson C. Davis and others. *Aerosp Med* 42:85-88 Jan '71

Psychophysiologic and conversion mechanisms: The aviator's emotional face curtain. J. A. Pursch and R. F. Reinhardt. *Aerosp Med* 42:1015-1017 Sep '71

Reflections after the fact--a grounded pilot talks about his heart attack. *MAC Flyer* 18:24-25 Aug '71

Risk of in-flight incapacitation of airline pilots. J. C. Lane. illus tabs *Aerosp Med* 42:1319-1321 Dec '71

Roentgenological aspects in the examination of paranasal sinuses in aviators. Istvan Simonyi. tabs *Aerosp Med* 42:569-571 May '71

Safety of INH (isoniazid) chemoprophylaxis in aviation personnel. Clarence Shub and others. illus tabs *Aerosp Med* 42:1325-1335 Dec '71

Study of simulated airline pilot incapacitation: Phase II. Subtle or partial loss of function. C. R. Harper and others. *Aerosp Med* 42:946-948 Sep '71

Survey of the medical causes of rejection of applicants for the BEA/BOAC sponsored AB-initio pilot training scheme. R. M. Barnes. illus *Aerosp Med* 42:941-946 Sep '71

Systolic prolapse of the mitral valve: Possible aeromedical significance. William D. Towne and others illus *Aerosp Med* 42:341-344 Mar '71

Vertiginous flyer: A review of 6 years' experience of the aeromedical consultation service. Frederic M. Brown. tabs *Aerosp Med* 42:891-893 Aug '71

History

Paul Bert and the beginnings of aviation medicine. (Address, Aerospace Physiology Section, Aerospace Medicine Convention, Houston, Tex, April 26, 1971) Fred A. Hitchcock. illus *Aerosp Med* 42:1101-1107 Oct '71

Research

See also

Aviation--Physiological Aspects

Lab research stressed. *AF Times* 31:58 Jun 16 '71

AVIATION RECORDS

Here are entered articles on record flying time for a given distance. For articles on time spent in flying by an individual pilot to maintain his proficiency rating see Flying Time. For articles on logs and reports of a flight see Flight Records.

Navy claims flight record. *Armed Forces J* 108:17 Feb 1 '71

Our first long step into space. (National Geographic Society's balloon flights, 1934-1935) LtCol John H. Scrivner, Jr. illus *AF Mag* 54:58-64 Oct '71

The saga of Explorer I: Man's pioneer attempts to reach space. William E. Kepner and John H. Scrivner, Jr. illus *Aerosp Hist* 18:123-128 Sep '71

AVIATION SYSTEMS COMMAND

See also

Air Mobility Research and Development Laboratories

AVIONICS

Avionics--military and civil. MajGen George E. Pickett. illus *Signal* 25:13-15 Jan '71

Equipment--the new sources (at the 1971 Paris Salon). illus *Interavia* 26:922-929 Aug '71

F-111 A/E altitude calibration. Capt Don Henry. illus tab *USAF Ftr Wpns Rev* No. 1:16-24 Spring '71

Honeywell modular automatic test equipment. Robert B. Gustafson. illus *Interavia* 26:1069-1071 Sep '71

MRCA--the bids roll in. *Interavia* 26:711 Jun '71

A new airborne transceiver for the 1980s in production now--the Plessey PTR377. A. M. May. illus *Intl Def Rev* 4:170-171 Apr '71

Newnav--the 1971 IFALPA symposium (Frankfurt, Oct 5-7, 1971). T. M. B. Wright. *Interavia* 26:1421-1422 Dec '71

Radar-map matching in navigation and attack (for the MRCA). illus *Interavia* 26:709-710 Jun '71

Univac delivers computer for S-3A. illus *Signal* 25:40-41 Apr '71

VTOL avionics systems. D. J. Mayes. illus *Interavia* 26:72-73 Jan '71

Equipment

Standard lightweight avionics equipment. Maj John M. Apgar. illus tab *USA Avn Dig* 17:14-18 Apr '71

AWARDS, DECORATIONS, ETC

Germany (Federal Republic)

USAF, Germany honor (Gen Joseph R.) Holzapple at retirement. illus *AF Times* 32:50 Sep 22 '71

United States

See also

Air Force Cross Legion of Merit
Distinguished Service Medal Medal of Honor
Honors

AC-119 crew wins (1970 Mackay) Trophy. *AF Times* 31:3 Jul 28 '71

AFA units and individuals honored at the convention. Table only. *AF Mag* 54:95 Nov '71

ANG told to justify decorations. *AF Times* 31:6 Jun 23 '71

Above and beyond... (History of Navy decorations) John W. Warner. illus *US Nav Inst Proc* 97:107-109 Jul '71

AWARDS, DECORATIONS, ETC - Continued

United States - Cont'd

Air University Review awards program. (Col Robert F. Hemphill, Ret, receives annual award for outstanding article in FY 71; other winners announced) illus AU Rev 22:96 Jul-Aug '71

& Darts. Capt Larry B. McBride. illus Interceptor 13:13-15 Jan '71

Annual awards (of Aerospace Medical Association 1947-1971). Tables only. Aerosp Med 42:921-922 Aug '71

Army Guardsman (CW2 Billy H. Miller) gets Broken Wing (Aviation Safety) Award. Natl Guardsman 25:35 Apr '71

Arnold Air Society picks award winners. AF Times 31:50 Apr 28 '71

Aviation awards winners (Marine Aviator of the Year Maj David G. Vest and Marine Flight Officer of the Year Capt John D. Cunningham). illus MarCor Gaz 55:2 Dec '71

The awards. (NGAUS 93d General Conference, Honolulu, Hawaii, Sep 20-23, 1971) illus Natl Guardsman 25:4-7 Nov '71

Awards and decorations. Air Reservist 23:13 Nov '71

Awards at the 1971 Air Force Association Silver Anniversary National Convention. Table only. AF Mag 54:60-61 Nov '71

Broken Wing (Aviation Safety) Award. illus USA Avn Dig 17:59 Apr '71

Broken Wing (Aviation Safety) Award (presented to CW2 Billy H. Miller). illus USA Avn Dig 17:39 May '71

Broken Wing awards (to CW2 Charles J. Ray and Capt Ronald L. Miller). illus USA Avn Dig 17:49 Nov '71

Capt Gertrude M. Campbell named Flight Nurse of Year. illus Aerosp Med 42:802 Jul '71

Capt (James R.) Hickman named year's Flight Surgeon. illus Aerosp Med 42:803 Jul '71

(Capt Russell D. Thompson receives Albert M. Kuhfeld Award as AF's outstanding young JA for 1970.) illus AF JAG L Rev 13:167 Summer '71

Chappie James presents DFC (Distinguished Flying Cross) to son, Viet FAC. AF Times 31:33 Jan 13 '71

Chappy James honored. AF Times 31:46 Mar 3 '71

Crew of Apollo 15 given DSM award (and others cited). AF Times 32:48 Oct 13 '71

Daggers. Col Wayne C. Gatlin. illus Interceptor 13:10-12 Jan '71

(Dean) Rusk to receive (George) Marshall Medal. illus Army 21:9 Sep '71

(Excerpts from AUSA's 1971 Annual Meeting, Washington, Oct 11-13, 1971) Eric C. Ludvigsen. illus Army 21:38-46 Nov '71

57th FIS-Hughes Trophy. Capt Don Echelberger. illus Interceptor 13:20-21 Jan '71

1st (AF Academy) Prep director (Col Lee C. Black) cited on retiring. AF Times 31:29 Feb 17 '71

Five (J. Arthur Boykin, Jr, AF; Don R. Brazier, OSD; Wilbur B. Payne, Army; William C. Valdes, OSD; and Milton S. Zaslow, National Security Agency) receive Distinguished Civilian Service Awards. illus Armed Forces J 108:13 Jun 21 '71

AWARDS, DECORATIONS, ETC - Continued

United States - Cont'd

Freedoms Award winners named. AF Times 31:16 Feb 24 '71

(Gen Thomas D. White Space Trophy for 1970 presented to BrigGen Robert A. Duffy) AF Mag 54:20 Aug '71

Guardsmen win (1970) Freedoms Foundation awards. Natl Guardsman 25:30-32 Feb '71

Kincheloe's (AFB, Mich) 449th Wing tops SAC bombing meet (winning Fairchild Trophy). AF Times 32:6 Dec 29 '71

(LtCol Stuart A.) Roosa awarded DSM, (Command Pilot) Astronaut Badge. AF Plcy Ltr for Comdrs: Sup No. 6:27 Jun '71

(Lt)Col (Stuart A.) Roosa awarded DSM, (Command Pilot) Astronaut Badge. Contact 25:5 May-Jun '71

Major AFA award (Schilling Trophy) earned by Apollo 15 (crew, Dr John S. Foster to receive H. H. Arnold Trophy, and Rep F. Edward Hebert to receive Vandenberg Trophy). AF Times 32:19 Sep 15 '71

Making it... and then some. (BrigGen Robert A. Duffy wins the Gen Thomas D. White USAF Space Trophy) William A. Kinney. illus Airman 15:34-38 Aug '71

Military Unit Awards (to Vietnam based Armed Forces units). Def Trans J 27:126-128 Sep-Oct '71

351st (Missile Wg) holds Blanchard Trophy (from 4th annual SAC Missile Combat Competitions, Vandenberg AFB, Calif, April 1971). illus Combat Crew 22:22 Jun '71

1971 award winners of the Aerospace Medical Association. illus Aerosp Med 42:584-588 May '71

(Ninth Pace Award to LtCol William B. Holden and Mr James Dunn) illus Signal 25:108 Aug '71

Of arms and the man. (Address, President's Review, University of Cincinnati, May 27, 1971) illus AF Mag 54:54-55 Aug '71

Outstanding! USAF's Outstanding Unit Award (to Air Guard units). illus Air Reservist 23:4-5 May-Jun '71

Rivers cited for posthumous honor (James Forrestal Memorial Award). AF Times 31:43 Feb 10 '71

SAC retains Blue Steel Trophy. WgComdr Philip J. Goodall. illus tabs Combat Crew 22:8-11+ Jun '71

SAC wins RAF meet. AF Times 31:17 May 19 '71

Speak up for freedom. (Freedoms Foundation Award-winning letters by Capt Tibor Bierbaum and others) illus Army Dig 26:9-11 Apr '71

A spot of sunshine (at Buckley Air National Guard Base, Colo). illus Natl Guardsman 25:15 Jun '71

(SSgt Cecil White receives 1st Legal Services Airman of the Year Award for 1970.) illus AF JAG L Rev 13:168 Summer '71

TAC, AFCS win Air (Force) safety prizes. AF Times 31:4 May 26 '71

TAC Capt (James R. Hickman, Jr) honored as top surgeon (USAF Flight Surgeon of Year). illus AF Times 31:19 May 12 '71

This select company. (LtGen Samuel C. Phillips and other winners of the Langley Medal) William A. Kinney. illus Airman 15:31-35 Dec '71

Thomas Jefferson Award winners chosen. AF Times 31:58 May 26 '71

AWARDS, DECORATIONS, ETC - Continued

United States - Cont'd

Top (1970 AF) safety awards presented. AF Times 32:39 Sep 15 '71

Tournament of champions--William Tell, 1970. illus Interceptor 13:5-6 Jan '71

A Trophy for Airman (AFA's Gill Robb Wilson Trophy). illus Airman 15:43 Nov '71

23d Annual Arnold Air Society Conclave (Hollywood, Fla, April 14-17, 1971). illus AF Mag 54:78-79 Jul '71

2 at Tan Son Nhut (AB, Vietnam) win (Freedom's Foundation) letters honors. AF Times 31:28 Apr 7 '71

USAF 1970 safety trophies. illus Aerosp Safety 27: 16-17 Jun '71

USAF's changing role in Vietnam. John L. Frisbee. illus tabs AF Mag 54:40-45 Sep '71

AWARDS, DECORATIONS, ETC - Continued

United States - Cont'd

(U.S.) Army (Aviation Center, Fort Rucker, Ala) given Daedalian (Weapons System) Award. illus USA Avn Dig 17: inside back cover Aug '71

Viet vet (Maj Travis Wofford) wins Cheney Award. AF Times 31:37 Jun 30 '71

Voodooos. Maj Tom H. Lundquist. illus Interceptor 13:7-9 Jan '71

William M. Allen--a salute! (Chairman of the Board, Boeing Co, receives 1971 National Transportation Award) illus Def Trans J 27:24-31 Jul-Aug '71

William M. Allen (Chmn of the Board, Boeing Co) selected for NDTA's National Defense Transportation Award. illus Def Trans J 27:66+ May-Jun '71

Wings in competition (and Olympia Arena 1971 winners).illus Combat Crew 22:23+ Jun '71

BMEWS see Ballistic Missile Early Warning System

BACTERIOLOGICAL WARFARE see Chemical-Biological Warfare

BAGLEY, David H.

People programs of the U. S. Navy. (Address, New York Chapter, Defense Supply Assoc) RADM David H. Bagley. Review 51:15-16+ Jul-Aug '71

BAILOUTS see Parachute Jumping

BALANCE OF PAYMENTS

Balance of payments and U.S. trade policy. Howard S. Piquet. Persp in Def Mgt, pp 41-51, May '71

Commerce takes a new stance--under Stans. Interview. Maurice H. Stans. illus Govt Exec 3:34-36+ Aug '71

Economic principles and defence. (Lecture, NATO Defense College, Nov 1970) Peter M. Oppenheimer illus NATO's Fifteen Nations 16:16-20 Jun-Jul '71

BALANCE OF POWER

Action and reaction in the nuclear arms race. Colin S. Gray. illus Mil Rev 51:16-26 Aug '71

Alliances and the balance of power. Hans J. Morgenthau. Persp in Def Mgt, pp 11-19, Jan '71

Are we courting disaster? Cutback in U.S. fleet continues as Soviet Navy builds and builds. A.J. Cottrell and A.A. Hoehling. illus Navy 14:9-14 Jan '71

The Atlantic Alliance: Its present problems and its aims. Nuri Birgi. NATO's Fifteen Nations 15:31-33+ Dec '70-Jan '71

The balance of power in the Mediterranean. John Marriott. illus Armed Forces J 108:34-35 May 17 '71

The bear in the burnoose--a first hand report on Russia's Arab bases. Lawrence Griswold. illus map Sea Power 14:16-23 Sep '71

The bear that swims like a fish. RADM Kemp Tolley, Ret. illus US Nav Inst Proc 97:41-45 Jun '71

Blueprint for survival. LtGen Ira C. Eaker, Ret. illus Ordnance 56:43-45 Jul-Aug '71

Britain and a European security conference. D. C. Watt. illus Royal United Svcs Inst for Def Studies J 116:35-38 Jun '71

Budget and national security. ADM Thomas H. Moorer. illus Review 50:26-28+ Jan-Feb '71

China's strategic weakness. Neville Brown. (Revised from New Middle East, Dec 1970) illus Mil Rev 51:3-9 Nov '71

A common Western nuclear doctrine? LtCol Marc E. Geneste, Ret. illus Mil Rev 51:3-12 Sep '71

The defence of Europe. Gen A. J. Goodpaster. illus Royal United Svc Inst J 116:31-41 Mar '71

Defense and the economy. (From address, Western Economic Assoc Annual Meeting, Davis, Calif, Aug 28, 1970) G. Warren Nutter. AF Plcy Ltr for Comdrs: Sup No. 2:14-18 Feb '71

The defense budget and our national security. (Address, Huntsville-Madison County Chamber of Commerce, Huntsville, Ala, Dec 1970) ADM T. H. Moorer. tab Signal 25:20-24 Apr '71

Détente and security: The options. Theo Sommer. illus NATO's Fifteen Nations 15:78-84 Dec '70-Jan '71

BALANCE OF POWER - Continued

The dilemmas of Soviet policy in the Middle East. John R. Thomas. illus Parameters 1:34-42 Fall '71

Do we deserve our dearly bought freedom. Editorial. Officer 47:8+ Aug '71

The doorstep challenge. James D. Theberge. illus Navy 14:17-23 Mar '71

The erosion of U.S. military strength: Can there be peace without power? James L. Buckley. illus Signal 26:18-21 Oct '71

Facing the facts. Gen George S. Brown. illus AF Mag 54:20-24 Nov '71

Future trends in global strategies. Brig K. Hunt. illus NATO's Fifteen Nations 15:66-71 Dec '70-Jan '71

In the service of peace. Gen A. J. Goodpaster. illus NATO's Fifteen Nations 16:16-22 Apr-May '71

Indian Ocean vacuum: Fact or fiction? Capt A. P. S. Bindra. illus NATO's Fifteen Nations 16:42-46 Feb-Mar '71

Making logistics cost less. (Address, National Aerospace Services Assoc Symposium, Dayton, Ohio, March 25, 1971) Gen Jack G. Merrell. AF Plcy Ltr for Comdrs: Sup No. 5:16-21 May '71

The Mediterranean. Mohamed Masmoudi. (Condensed from Survival, Dec 1970) illus map Mil Rev 51:31-37 Jun '71

The military balance between NATO and the Warsaw Pact. London's Institute for Strategic Studies. tabs Aerosp Intl 7:104-110 Dec '71; AF Mag 54:104-110 Dec '71

The military balance in the Indian subcontinent. Ravi Rikhye. Armed Forces J 108:32-33 Jul 19 '71

The Military Balance: 1971-1972. London's Institute for Strategic Studies. illus tabs Aerosp Intl 7:52-110 Dec '71; AF Mag 54:52-110 Dec '71

Mutual balanced force reductions. Walter C. Clemens, Jr. illus Mil Rev 51:3-11 Oct '71

NATO in the development of mutually acceptable security arrangements between East and West. Brig W. F. K. Thompson, Ret. illus NATO's Fifteen Nations 15:87-90+ Dec '70-Jan '71

NATO's northern flank--vital but increasingly vulnerable. Stefan Geisenheyner. illus map AF Mag 54:56-61 Jul '71

A "new" China policy? Eldridge B. Duffee, Jr. illus US Nav Inst Proc 97:18-23 Jul '71

New Chinese and Soviet missile developments. Intl Def Rev 4:111 Apr '71

1971--less money, fewer people, more jobs. Editorial. John L. Frisbee. AF & Space Dig 54:4-5 Jan '71

Nuclear shield for NATO--a capability in tactical weapons will strengthen European security. Phillip A. Karber. illus Ordnance 55:529-531 May-Jun '71

The ominous danger of being second. (Excerpts from "The shifting balance of military power," by seven members of the Blue Ribbon Defense Panel, Sep 30, 1970) AF Mag 54:46-47 Aug '71

The present situation in Vietnam and the prospects for the near future. Maj E. Hinterhoff. illus NATO's Fifteen Nations 16:32-39 Aug-Sep '71

Public management of national security. Robert C. Seamans, Jr. illus tab AF Mag 54:40-43 May '71

BALANCE OF POWER - Continued

- A question of priorities. (Tranquillity at home and military strength adequate to prevent foreign aggression) Maj Reginald Hargreaves, Ret. Ordnance 56:121-123 Sep-Oct '71
- Red strategic superiority. LtGen Ira C. Eaker, Ret. Ordnance 55:335-338 Jan-Feb '71
- S.L.A. Marshall speaks out. Interview. BrigGen Samuel L.A. Marshall. illus Infantry 61:46-51 May-Jun '71
- Safeguard, sufficiency, and SALT. Mark B. Schneider. illus Mil Rev 51:24-33 May '71
- The situation in the Mediterranean. John Marriott. illus tab NATO's Fifteen Nations 16:82-89 Oct-Nov '71
- Six facts about the threat. (Remarks, 15th Symposium, Society of Experimental Test Pilots, Beverly Hills, Calif, Sep 17, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 11:10-16 Nov '71
- Soviet aims and capabilities in Europe. Malcolm Mackintosh. illus Royal United Svc Instn J 116: 22-30 Mar '71
- Soviet global policy and the Middle East. Uri Ra'anan. illus Nav War Col Rev 24:19-29 Sep '71
- Soviet influence in the Mediterranean. Ferdinand Otto Miksche. (Trans and condensed from a German publication) illus Mil Rev 51:62-65 Sep '71
- Soviet military buildup: A new dimension in foreign policy. Maj Jeffrey L. Scribner. illus tab Mil Rev 51:53-62 Aug '71
- The Soviet space effort--an analysis. Foy D. Kohler and Dodd L. Harvey. illus AF Mag 54:54-59 Jun '71
- The Soviet threat. (From address, House of Representatives, Sep 28, 1970) L. Mendel Rivers. Intl Def Rev 4:39-40 Feb '71
- The strategic balance. AVM Neil Cameron. tab Royal Air Forces Qtr pt 1, 11:169-175 Autumn '71
- Strategic "superiority" in superpower relations. Colin S. Gray. illus Mil Rev 51:8-21 Dec '71
- The strategic threat. BrigGen Harry N. Cordes. illus AF Mag 54:51-55 Jul '71
- A strategy of sufficiency. Thomas R. Pickering. illus Ordnance 56:38-42 Jul-Aug '71
- The synergy of the triad. Gen John C. Meyer. illus AU Rev 22:17-25 Sep-Oct '71
- Two views of the Indo-Russian defense treaty. Easwar Sagar and Lawrence Griswold. illus map Sea Power 14:26-36 Nov '71
- USSR and U.S. military power. (Remarks, Fort Worth Chapter, Air Force Assoc, Fort Worth, Tex, Jan 26, 1971) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 3:2-7 Mar '71
- The USSR is headed toward technological superiority. Interview. John S. Foster, Jr. illus AF Mag 54:28-35 Aug '71
- A united Europe? James B. Edwards. tab Ordnance 56:124-125 Sep-Oct '71
- U.S. and USSR Strategic Forces. (Address, China National Aviation and American Volunteer Group Convention, San Diego, Calif, July 3, 1971) Gen Bruce K. Holloway. AF Plcy Ltr for Comdrs: Sup No. 9:20-28 Sep '71

BALANCE OF POWER - Continued

- War and peace: The prospects for the Middle East. (Interview with Yitzhak Rabin) Laslo Boyd. illus Govt Exec 3:34-36 Dec '71
- Why not a unified strategic command? John L. Frisbee. illus AF Mag 54:36-40 Mar '71
- Will we snatch defeat from the jaws of victory? (Lecture, Naval War College, 1971) Walt W. Rostow. illus Nav War Col Rev 24:3-18 Sep '71

BALLISTIC MISSILE EARLY WARNING SYSTEM

- The microwave: From cosmos to cuisine. Col Barney Oldfield, Ret. illus map NATO's Fifteen Nations 16:58-64 Jun-Jul '71

BALLISTIC MISSILES see MissilesBALLOONS

- Aeronautical satellite. Spaceflight 13:92-93 Mar '71
- Nimbus gathers balloon data. Spaceflight 13:52 Feb '71
- Telescope in a balloon--how it works. illus (Also cutaways) Space World H-11-95:4-10 Nov '71

History

- Our first long step into space. (National Geographic Society's balloon flights, 1934-1935) LtCol John H. Scrivner, Jr. illus AF Mag 54:58-64 Oct '71
- The saga of Explorer I: Man's pioneer attempts to reach space. William E. Kepner and John H. Scrivner, Jr. illus Aerosp Hist 18:123-128 Sep '71
- Smithsonian hails (AF) Academy exhibit (on ballooning). AF Times 32:53 Sep 29 '71

BANDS (MUSIC)

- Inside the Army Band. MSgt Jack Holden. illus Army Dig 26:10-13 Jan '71
- Maxwell (AFB, Ala) bandsmen fill 2 roles. AF Times 32:18 Oct 6 '71
- Taps to sound for six bands. AF Times 31:2 Apr 7 '71

BARDSHAR, Frederic A.

- Navy's VADM Bardshar: License to get into all programs that use the electron. por Govt Exec 3:31 Jul '71

BARGES

- The ASW "six-pack." ENS John W. Skipper. illus US Nav Inst Proc 97:103-105 Dec '71
- America's inland waterways. Harold A. Baker. illus Translog 2:8-10 Feb '71
- Ammo moves to Europe via LASH (Lighter Aboard SHip)/barge. Maj Paul P. Leitz. illus Translog 2:4-5 Oct '71
- Tug and barge transportation: International pace setter. John H. Lee. illus Def Trans J 27:54-58 Mar-Apr '71

BARRACKS AND QUARTERSSee also

Housing

Air Force--U.S.

- AF housing reports. illus tabs AF Times 31:42 Jan 6 '71; 31:18 Jan 13 '71; 31:20 Jan 20 '71; 31:20 Jan 27 '71; 31:16 Feb 3 '71; 31:56 Feb 10 '71; 31:55 Feb 17 '71; 31:22 Feb 24 '71; 31:51 Mar 3 '71; 31:16 Mar 10 '71

BARRACKS AND QUARTERS - ContinuedAir Force--U.S. - Cont'd

Airmen start coed living (at 6 bases). AF Times 32:6 Nov 24 '71

Beer in barracks given okay. AF Times 32:8 Nov 17 '71

Built-ins for George (AFB, Calif). Ed Blair. illus Airman 15:24-28 Nov '71

Departure Temporary Lodging Allowance (TLA)-- termination of quarters. TIG Brief 23:4 Jul 2 '71

Family units go up fast at Bergstrom (AFB, Tex). Jim Sample. AF Times 31:2 Feb 10 '71

4000 save BAQ in sub-par units. Jim Sample. AF Times 32:20 Aug 11 '71

George's (George AFB, Calif) new modulars lauded. Bob Neprud. illus AF Times 32:38 Oct 27 '71

The housing boom at George AFB (Calif). Edgar Ulsamer. illus AF Mag 54:52-53 Oct '71

Housing--from missiles to modules. illus Govt Exec 3:25-27 Jun '71

Inspection ordered for 15th AF dorms. AF Times 31:5 Jul 21 '71

Inspection reg clarified--ease, but don't end. AF Times 31:3 Aug 4 '71

Is off-base living retention key. Bruce Callander. AF Times 31:13 Jan 20 '71

MAC busy in building. AF Times 32:2 Oct 27 '71

Management of bachelor/transient quarters, guest houses. TIG Brief 23:10 Feb 12 '71

Massive housing program sought--(MajGen Guy H.) Goddard tells lawmakers the problems. Ed Gates. AF Times 32:13 Sep 22 '71

More space ordered for EM in dorms. AF Times 32:20 Aug 18 '71

New building plan improves housing. AF Times 32:20 Sep 1 '71

On-base quarters--taboo issue aired. Bruce Callander. AF Times 32:13 Dec 22 '71

Rental rates and charges for quarters. TIG Brief 23:9 Jan 15 '71

Seamans tells of new family housing, hospital programs. James D. Hessman. Armed Forces J 108:34 Jul 5 '71

Senate OKs housing bill--extra 470 units denied. AF Times 32:8 Aug 25 '71

24 bases to get motel-like units. Jim Sample. AF Times 31:1+ Jun 16 '71

The U.S. Air Force: A national resource. (Address, Boston Chapter, AFA, Hanscom Field, Mass, April 23, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 6:2-7 Jun '71

Unit and individual inspections. TIG Brief 23:9 Mar 12 '71

Maintenance and Repair

'GI party' time returns to bases. AF Times 32:1+ Nov 3 '71

Housing upkeep 'uneconomical.' AF Times 31:4 Jul 21 '71

Self aid asked of tenants. Jim Sample. AF Times 32:1+ Sep 22 '71

BARRACKS AND QUARTERS - ContinuedAir Force--Vietnam (Republic)

Viets get base housing--2400 family units slated. AF Times 31:21 May 12 '71

Armed Forces--U.S.

Fair rental plan studied. Bob Schweitz. tab AF Times 32:1+ Aug 25 '71

Funds approved for more homes. AF Times 32:4 Nov 3 '71

Housing guide shows if new units needed. tab AF Times 31:2 Jun 30 '71

Housing relief nears. Bob Horowitz. AF Times 31:1+ Jan 20 '71

Housing request far below need. Jim Sample. AF Times 31:1+ Apr 14 '71

Increase in DAA could hike rent. AF Times 31:8 Mar 24 '71

Marine Corps--U.S.

Individual privacy advocated. Majs Fred L. Edwards, Jr. and C. L. Whipple. MarCor Gaz 55:54 May '71

Navy--U.S.

Shipboard habitability: Restricted areas. CDR Melville R. Byington, Jr. illus US Nav Inst Proc 97: 24-31 Jan '71

BASE EXCHANGES see ExchangesBATTLEFIELD SURVEILLANCE see SurveillanceBATTLEFIELDS

Return to So-Pac (to see evidence of Marine Corps WWII efforts). George McMillan. illus MarCor Gaz 55:48-54 Nov '71

BATTLES

See also subdivision Campaigns and Battles under specific wars, e. g., Vietnamese Conflict, 1957- --Campaigns and Battles

World War II--Campaigns and Battles

The battle at Cowpens. (Annual Military History Writing Award) Maj Michael D. Mahler. illus map Mil Rev 51:56-63 Jan '71

Bill Horton and the Boxer Rebellion. SGM Jack W. Junal. illus MarCor Gaz 55:29-32 Nov '71

27 pennants of pride--Z-71 creates Navy's first battlestreamers; and a 'Betsy Ross.' Robert J. Boylan. illus Navy 14:34-37 Mar '71

BECKER, Eugene M.

Economy vs Defense. Eugène M. Becker. tab Ordnance 55:426-428 Mar-Apr '71

BEGGS, James M.

The "tie together man." Interview. James M. Beggs. por Govt Exec 3:13 Jun '71

BEHAVIORISM (PSYCHOLOGY)

Behavior modification. Maj Dirk C. Prather. USAF Instrs J 8:56-60 Winter '70-'71

Complacency. illus MAC Flyer 18:24-25 Apr '71

Motivational management. SMSgt Bruce Emerson. illus USAF Instrs J 9:20-25 Fall '71

Reflected attitudes. MSgt Kenneth J. Urbanowicz. USAF Instrs J 9:50-52 Summer '71

BEHAVIORISM (PSYCHOLOGY) - Continued

Social change--a necessary variable in Army planning. Lt James H. Davis and others. illus Army 21:32-35 May '71

The struggle for survival. Leo Cherne. Signal 25:6-11 Jan '71

Who needs you? Donald O. Van Gilder. USAF Instrs J 9:48-49 Summer '71

BEHRENS, William W., Jr

Environmental considerations in naval operations. (Lecture, Naval War College, 1971) RADM William W. Behrens, Jr. illus Nav War Col Rev 24:70-77 Sep '71

Oceanography for the Navy and the nation. RADM W. W. Behrens, Jr. por Signal 26:26-29 Oct '71

BELIEU, Kenneth E.

Old soldier back on Army team (as Deputy Assistant for Senate Relations). Brooke Nihart. por Armed Forces J 109:16 Oct '71

BELLIS, Benjamin N.

Air Force program managers: Why all the praise? Interviews. Gen George Brown, MajGen Douglas T. Nelson, BrigGens Benjamin N. Bellis and Warner E. Newby and others. por Govt Exec 3:34-35+ Jun '71

Military--maintaining direct lines (of communications). Govt Exec 3:17 Jul '71

BENADE, Leo E.

Commissary Seminar. (DSA Convention, 1971) MajGen Leo E. Benade. illus Review 51:24-25+ Nov-Dec '71

BENDER, Chester R.

Bender: A diversified range of global responsibilities. ADM Chester R. Bender. por Armed Forces J 108:37-39+ Jan 4 '71

Coast Guard chief calls on Reserves to work for better, stronger America. (Excerpts from address, ROA National Convention, San Diego, Calif, June 17-19, 1971) ADM Chester R. Bender. por Officer 47:22-23 Aug '71

United States Coast Guard: Expanded role in environmental protection. Interview. ADM Chester R. Bender. por Def Trans J 27:42-46 Sep-Oct '71

BENEFITS see

Bonuses	Survivors Rights and Benefits
Fringe Benefits	Veterans Benefits

BENNETT, Charles E.

Bennett panel cites shipbuilding lag. tab Armed Forces J 108:14-15 Jun 21 '71

BERLIN

Berlin Brigade: A correspondent's view. Hubert J. Erb. illus Infantry 61:6-11 Mar-Apr '71

BERLIN AIRLIFT

Another view of the Stalingrad and Dien Bien Phu airlifts. (Comment on article by D. J. Backlund, Aerosp Hist, Summer-Fall 1970) LtGen William H. Tunner, Ret. illus Aerosp Hist 18:135-137 Sep '71

BESHANY, Philip A.

Remembering names & faces--ADM Beshany in profile. Robert J. Boylan. por Sea Power 14:32-33 Sep '71

BEST, William H., Jr

Let's do away with fog. BrigGen William H. Best, Jr. illus Def Mgt J 7:41-47 Spring '71

Which hand is in the glove. Interview. BrigGen William H. Best, Jr. por Airman 15:10-13 Dec '71

BIOASTRONAUTICS

Biosatellite 3 results; program conducted by the Space Biology Laboratory, Brain Research Institute, University of California, Los Angeles, supported by the National Aeronautics and Space Administration. W. R. Adey and others. illus Aerosp Med 42:271-313 Mar '71

BIOGRAPHY see subdivision under specific subjects,

e. g.,

Army--Biography

Astronauts--Biography

BIOLOGICAL RESEARCH

See also

Marine Biology

Space Biology

Origin of life. Spaceflight 13:458-459 Dec '71

BIOLOGICAL WARFARE see Chemical-Biological WarfareBIRDS

Don't get goosed by a giggling gaggle of geese! LtCol Donald P. White. illus Combat Crew 22: 20-21 Mar '71

The eagle screams. Philip R. Smith, Jr. illus Soldiers 26:12-13 Jun '71

Hunting season opens. (Bird strike incidents increase) illus Interceptor 13:22-24 Sep '71

It's for the birds. John E. Berta. illus Approach 16: 32-34 Apr '71

Sanitary landfills as potential bird strike hazards. TIG Brief 23:18 Sep 24 '71

Those fabulous feathered falcons. James R. Patterson. illus AF Mag 54:28-31 Nov '71

BLANDING, Albert H.

Gen (Albert H.) Blanding, ex-NGB chief, dead at 94. por obit Natl Guardsman 25:18 Feb '71

BLANK, Jonas L.

New look in Air Force commissaries. BrigGen J. L. Blank. por Review 50:32-34+ Mar-Apr '71

BLOOD

An automatic device for recording blood pressure. Heriberto Fernandez and Robert Robinson III. illus Aerosp Med 42:209-210 Feb '71

Blood volume changes in divers of Tektite I. Philip C. Johnson and others. illus tabs Aerosp Med 42:423-426 Apr '71

Compensated hemolytic anemia associated with Gilbert's syndrome: A case report. George M. Stone. Aerosp Med 42:785-786 Jul '71

BLOOD - Continued

Influence of oxygen and carbon monoxide concentrations on blood carboxyhemoglobin saturation. F. Lee Rodkey and others. tabs Aerosp Med 42:1274-1278 Dec '71

Long-term prognosis of transient hypertension in young male adults. Poul E. Rorback Madsen and Jan Buch. illus tabs Aerosp Med 42:752-755 Jul '71

Medic develops blood recycler--transfusion costs cut. AF Times 31:35 Feb 17 '71

Millionth pint of blood (shipped to Vietnam). AF Times 31:50 Jul 7 '71

BLUE RIBBON DEFENSE PANEL

The Blue Ribbon Defense Panel in perspective. Col John E. Bex. illus Mil Rev 51:91-95 Sep '71

The Blue Ribbon Panel report: Unification orthodoxy, revisited and revised. Raymond H. Dawson. illus chart Aerosp Hist 18:4-11 Mar '71

Blue Ribbon--red tape. Maj George Fielding Eliot, Ret. Ordnance 55:339-342 Jan-Feb '71

Challenging the DOD Blue Ribbon Panel (on ADPE procurement). Edward O. Joslin and Jack Wright. illus chart Govt Exec 3:41-44+ Feb '71

Changes hint at 4th service. LtGen Ira C. Eaker, Ret. AF Times 31:13 May 5 '71

DOD lists logistics systems policy objectives in response to the Blue Ribbon Defense Panel report. Review 50:29+ May-Jun '71

The Fitzhugh report--its impact on comptrollers. LCDR Joseph E. Kasputys. illus tab Armed Forces Compt 15:3-6+ Fall '70

The ominous danger of being second. (Excerpts from "The shifting balance of military power," by seven members of the Blue Ribbon Defense Panel, Sep 30, 1970) AF Mag 54:46-47 Aug '71

The unified command structure. Col Duane H. Smith. charts tab Parameters 1:14-21 Fall '71

A unified DOD logistics command. chart Army Log 3:12-13 Jan-Feb '71

BOATS

The French Army's new pontoon boat. tab illus (Also cutaways) Intl Def Rev 3:190-192 Jun '70

BODY ARMOR

Body armor or mobility? Capt David F. Winecoff. illus MarCor Gaz 55:28-31 Jun '71

BOEING CO

Boeing lands contracts totaling \$157 million. AF Times 31:63 Jun 16 '71

Navy very high altitude ocean surveillance aircraft feasible. illus Armed Forces J 108:18 May 17 '71

Where is Boeing going? illus Interavia 26:1312-1313 Nov '71

BOHN, Robert D.

The ultimate weapon (professionalism in Marine Corps). BrigGen Robert D. Bohn. MarCor Gaz 55:48-49 Oct '71

BOMBER UNITS

Kincheloe's (AFB, Mich) 449th Wing tops SAC bombing meet (winning Fairchild Trophy). AF Times 32:6 Dec 29 '71

BOMBER UNITS - ContinuedHistory

"The ragged irregulars"--history of the U.S. 91st Bombardment Group Roger A. Freeman. illus Air Pict 33:178-180 May '71

BOMBING

A-7D--weapons delivery in the manual mode. Capt John C. Morrissey. illus tabs USAF Ftr Wpns Rev No. 1:34-45 Spring '71

Don't get caught short or long. (Timing on a bomb run) Maj Charles S. Wittmaack. illus Navigator 18, No. 3:12-15 '71

Extensive precautions taken with giant bomb. SMSgt Daryl Shepherd. AF Times 32:18 Aug 25 '71

F-111 A/E altitude calibration. Capt Don Henry. illus tab USAF Ftr Wpns Rev No. 1:16-24 Spring '71

The irresistible weapon. Maj Theodore Vander Els. illus Mil Rev 51:80-90 Aug '71

Kill drift bombing. Maj Hugh W. Dibble. illus Tac Air Warfare Cen Qtr Rpt 2:20-23+ Spring '71

Nimrod--king of the (Ho Chi Minh) Trail. Capt Michael J. C. Roth. illus AF Mag 54:30-34 Oct '71

"Nite Owl" operations (in 497th Tactical Fighter Sq, Ubon RTAFB, Thailand). LtCol Charles F. Harrington. illus Tac Air Warfare Cen Qtr Rpt 2:4-11 Dec '71

Planning considerations for offset aimpoint radar bombing. Robert T. Cetola and Walker B. Cummings. illus USAF Ftr Wpns Rev No. 2:23-32 Summer '71

Pressing the attack can be hazardous! illus Approach 16:1-4 Feb '71

Runaway-y-y (APN89 doppler radar system). Capt Richard V. Modic. Navigator 18, No. 3:10 '71

(Vietnam War leads in bomb drops. AF Times 32:3 Nov 24 '71

History

The bombing at Virginia Capes. Dale L. Walker. illus Am Avn Hist Soc J 16:170-174 Fall '71

Study and Teaching

Target: Bardenas Reales (near Zaragoza AB, Spain). MSgt L. B. Leonberger. illus Airman 15:31-33 Nov '71

BOMBING, NAVIGATION, ETC --COMPETITIONSAir Force

Combat Airlift Competition, 1971. Pictorial. MAC Flyer 18:4-8 Aug '71

Kincheloe's (AFB, Mich) 449th Wing tops SAC bombing meet (winning Fairchild Trophy). AF Times 32:6 Dec 29 '71

63d MAW sweeps airlift meet. illus AF Times 31:63 Jun 16 '71

SAC retains Blue Steel Trophy. WgComdr Philip J. Goodall. illus tabs Combat Crew 22:8-11+ Jun '71

SAC wins RAF meet. AF Times 31:17 May 19 '71

SAC's (18th) bomb meet ("Giant Voice") begins at McCoy (AFB, Fla). AF Times 32:19 Dec 22 '71

A second can make you first. (MAC's Combat Airlift Competition) Ed Blair. illus Airman 15:26-30 Dec '71

BOMBING, NAVIGATION, ETC--COMPETITIONS - Continued

Air Force - Cont'd

Spirit of Feud One-Six (Barksdale AFB's crew in the SAC Combat Competition). Ted R. Sturm. illus Airman 15:33-37 Mar '71

Tournament of champions (SAC Combat Competition). Ted R. Sturm. illus Airman 15:28-31 Mar '71

BOMBING RANGES

Additional Culebra hearings promised. Armed Forces J 108:10 Aug '71

Culebras win; Navy to be out by 1975. Armed Forces J 108:12 Apr 19 '71

Target: Bardenas Reales (near Zaragoza AB, Spain). MSgt L. B. Leonberger. illus Airman 15:31-33 Nov '71

BOMBINGS, TERRORIST see Terrorism

BOMBS

See also

Nuclear Bombs

Advances in air-delivered munitions. Maj Ward R. Martin. illus Tac Air Warfare Cen Qtr Rpt 2:20-27 Dec '70

Hobo kit makes iron bombs into guided missiles. illus Armed Forces J 108:37 Mar 1 '71

Smart bombs for cheap bombing. Armed Forces J 108:18-19 May 3 '71

Tactical air to surface weapons. John Marriott. illus tab Intl Def Rev 3:162-166 Jun '71

Testing

Wind tunnel test 'educates' bombs (at Arnold Engineering Development Center). AF Times 32:33 Dec 1 '71

BONUSES

Are ex-officers careerists? AF Times 31:3 Apr 28 '71

Army bonus idea eyed for airmen. AF Times 31:22 Jul 28 '71

The Army evicts the bonus marchers (in 1932). LtCol John W. Price. illus map Mil Rev 51:56-65 May '71

Big changes proposed in special pays. Bob Schweitz. AF Times 32:1+ Dec 29 '71

Bonus weighed for recruits. AF Times 31:4 Jun 16 '71

Change unlikely for VRB in '72. AF Times 31:2 Jan 13 '71

EM with over-8 lose VRB July 1. AF Times 31:10 Jun 9 '71

Guard bills await action. Natl Guardsman 25:15 Dec '71

How to figure re-up bonuses--quickie guide provided. tab AF Times 31:6 Feb 24 '71

Incentives: 1st USN, now USMC. Ed Gates. AF Times 32:13 Dec 1 '71

Ins and outs of bonuses. Bruce Callander. AF Times 31:13 Jun 16 '71

It's time to guess when to re-up--VRB, pro-pay at stake. AF Times 31:53 Feb 3 '71

Kelley defends decision for Army-only bonuses. AF Times 31:8 Mar 3 '71

Longer grace period eyed for re-upping. AF Times 31:8 Mar 10 '71

BONUSES - Continued

Many to lose VRB, p(roficiency)-pay. Bruce Callander. tabs AF Times 31:1+ Apr 7 '71

Most ex-officers lose VRB cash. AF Times 32:8 Dec 1 '71

Need for higher ceiling on re-up cash weighed. AF Times 31:6 Jan 27 '71

Officers' bonus still being pushed. tab AF Times 31:3 May 12 '71

Politics decide service benefits. Bruce Callander. AF Times 32:13 Dec 1 '71

Recruit cash eyed for technical jobs. AF Times 32:43 Oct 6 '71

Reserve benefits planned. AF Times 31:1+ Mar 3 '71

Re-up bonus also rises with base pay increase. AF Times 32:4 Dec 29 '71

"Re-up" bonuses "sorely needed" in FY '72, Guard survey discloses. Natl Guardsman 25:19 Jul '71

Re-up rate tied to VRB payout. AF Times 31:13 Mar 10 '71

Re-up timing critical--many benefits offered. Bruce Callander. AF Times 31:13 Jun 23 '71

Risks grow in delayed re-ups--quotas, bonuses may shrink. AF Times 32:15 Dec 29 '71

6-year hitch due for top recruits. AF Times 31:4 Jun 30 '71

Special bonuses sought. Ed Gates. tab AF Times 31:1+ Apr 7 '71

VRB restricted to men with under eight years. AF Times 31:6 Apr 28 '71

Volunteer 'bonuses' weighed. AF Times 31:8 Jan 20 '71

Word due shortly on superior pay. AF Times 31:3 Mar 10 '71

BOOK REVIEWS

Admiral of the Fleet, by R. Hough. US Nav Inst Proc 97:89-90 Jan '71

Agnew, the Unexamined Man, by R. Marsh. MarCor Gaz 55:11 Jul '71

The Air Force Plans for Peace, 1943-1945, by P. M. Smith. AU Rev 22:63-68 Jan-Feb '71

The Air Marshals: The Air War in Western Europe, by A. Andrews. Mil Rev 51:108 Jul '71

Aircraft and Sea Power, by A. Hezlet. US Nav Inst Proc 97:97-98 Nov '71

Alamogordo Plus Twenty-five Years: An Inside Look at the Impact of Atomic Energy on Science, Technology, and World Politics, edited by R. S. Lewis and J. Wilson. Mil Rev 51:109 Sep '71

The All-Volunteer Army: An Analysis of Demand and Supply, by K. H. Kim and others. Ordnance 55:567 May-Jun '71

Alliance Politics, by R. E. Neustadt. Mil Rev 51:105 Jan '71

Alternative to Armageddon: The Peace-Potential of Lightning War, by W. W. Yale and others. Mil Rev 51:107 Jan '71; Ordnance 55:478 Mar-Apr '71

Ambassadors in Green: A Pictorial Account of U. S. Marines in Vietnam, edited by T. Bartlett. Ordnance 56:77-78 Jul-Aug '71

BOOK REVIEWS - Continued

- America and Russia in a Changing World: A Half Century of Personal Observation, by W. A. Harriman. Mil Rev 51:107 Apr '71; AF Mag 54:178 May '71; AU Rev 23:84-86 Nov-Dec '71
- America and the World: From the Truman Doctrine to Vietnam, by R. E. Osgood and others. Mil Rev 51:106 Feb '71
- America on Trial: The War for Vietnam, by T. A. Lane. Ordnance 56:77 Jul-Aug '71; MarCor Gaz 55:15 Sep '71; Mil Engr 63:445 Nov-Dec '71
- The American Enlisted Man, by C. C. Moskos, Jr. MarCor Gaz 55:10 Jul '71
- The American Military, edited by M. Oppenheimer. Army 21:51 Dec '71
- The American Threat: The Fear of War as an Instrument of Foreign Policy, by J. L. Payne. MarCor Gaz 55:14 Sep '71; Ordnance 56:246-247 Nov-Dec '71
- Antoine de Saint-Exupéry: His Life and Times, by C. Cate. AF Mag 54:178-179 May '71
- Appearance and Reality in International Relations, by G. Hugo. Royal United Svc Instn J 116:68 Mar '71; Army Qtr 101:377-378 Apr '71
- An Armed America: Its Face in Fiction--a History of the American Military Novel, by W. C. Miller. AU Rev 22:86-89 Jul-Aug '71
- The Armed Services and Society, edited by J. N. Wolfe and J. Erickson. Army Qtr 101:247 Jan '71
- Arms Beyond Doubt, by R. E. Lapp. US Nav Inst Proc 97:97 Apr '71
- An Army of People, by S. Sharman. Army Qtr 101:507-508 Jul '71
- Army Officers in Arab Politics and Society, by E. Be'eri. Mil Rev 51:106 Jan '71; Armor 80:68 Jan-Feb '71; Ordnance 55:570 May-Jun '71
- The Art of the Possible: Diplomatic Alternatives in the Middle East, by M. Reisman. AU Rev 23:80-84 Nov-Dec '71
- The Art of Winning Wars, by J. Mrazek. MarCor Gaz 55:15 May '71
- The Atlantic Fantasy: The U. S., NATO, and Europe, by D. Calleo. Army 21:54-55 Jan '71
- The Ayub Khan Era: Politics in Pakistan, 1958-1969, by L. Ziring. Mil Rev 51:107 Jul '71
- Banner of People's War: The Party's Military Line, by Vo Nguyen Giap. Armor 80:65-66 Mar-Apr '71
- Basic Negotiating Strategy, by R. Fisher. Army Qtr 101:507 Jul '71
- The Battle for North Africa, by J. Strawson. Hawk No. 31:61-62 Feb '70
- Battle of the Reichswald, by P. Elstod. AF Times 31:28 Mar 17 '71
- Battle Over Britain, by F. K. Mason. AF Mag 54:21 Apr '71
- Battleground South Pacific, by R. Howlett. MarCor Gaz 55:11 Mar '71; Ordnance 55:570 May-Jun '71
- Between Two Fires: The Unheard Voices of Vietnam, edited by L. Q. Chung. Signal 25:71 May '71; Mil Rev 51:108 Jul '71

BOOK REVIEWS - Continued

- The Black Infantry in the West, 1869-1891, by A. L. Fowler. Mil Rev 51:108-109 Oct '71
- The Blond Knight of Germany, by R. F. Toliver and T. J. Constable. Royal Air Forces Qtr 10:325 Winter '70
- Bloody River: Prelude to the Battle of Cassino, by M. Blumenson. Royal United Svc Inst for Def Studies J 116:75-76 Jun '71
- Bridge of No Return: The Ordeal of the USS Pueblo, by F. C. Schumacher, Jr and G. C. Wilson. Navy 14:43-44 Mar '71; Mil Rev 51:108 Jun '71; Officer 47:19 Jun '71
- Bring Us Together: The Nixon Team and the Civil Rights Retreat, by L. E. Panetta and P. Gall. MarCor Gaz 55:45 Aug '71
- Britain and Her Army: 1509-1970, by C. Barnett. Armor 80:66-68 Jan-Feb '71
- British Foreign Policy: The Years since Suez, by D. Maclean. Mil Rev 51:107 Jul '71
- British Racing and Record-Breaking Aircraft, by P. Lewis. Air Pict 33:76 Feb '71
- The C-5A Scandal, by B. Rice. AF Times 31:32 Jun 23 '71; MarCor Gaz 55:46 Aug '71
- Captains Without Eyes--Intelligence Failures in World War II, by L. B. Kirkpatrick, Jr. Army Qtr 101:251-252 Jan '71
- Che Guevara: A Biography, by D. James. Royal United Svc Instn J 115:72 Dec '70
- Comes the Revolution, by E. W. Lewis. AF Times 31:29 Jul 28 '71
- The Communist Regimes in Eastern Europe, revised edition, by R. F. Staar. MarCor Gaz 55:12 Oct '71
- The Concorde Affair, by J. Davis. Space World H-9-93:43 Sep '71
- Conflict in Laos: The Politics of Neutralization, by A. J. Dommen. Army 21:59 Sep '71
- Confrontation and Intervention in the Modern World, by U. Schwarz. Mil Rev 51:109 Jun '71
- Conscience and Command: Justice and Discipline in the Military, edited by J. Finn. Mil Rev 51:110 Oct '71
- Conscience and Politics, by J. Rae. Royal United Svc Instn J 116:79 Mar '71
- The Conscience of a Majority, by B. Goldwater. AF Mag 54:27 Oct '71
- The Containment of Latin America: A History of the Myths and Realities of the Good Neighbor Policy, by D. Green. Mil Rev 51:106 Jun '71
- Controlling Small Wars: A Strategy for the 1970s, by L. P. Bloomfield and A. C. Leiss. Royal United Svc Instn J 116:63-64 Mar '71
- Coping with Multicrisis: Sea Power and Global Politics in the Missile Age, by J. T. Howe. Nav War Col Rev 24:81-82 Nov '71
- Court Martial, by R. Moore and H. Rothblatt. Nav War Col Rev 23:102-104 Jun '71
- The Court Martial of Lt Calley, by R. Hammer. AF Times 32:31 Oct 6 '71; MarCor Gaz 55:13-14 Nov '71; Mil Rev 51:106 Dec '71

BOOK REVIEWS - Continued

- Creed of a Congressman: F. Edward Hebert of Louisiana, edited by G. Conrad. Officer 47:13 Feb '71
- Crime in America, by R. Clark. AF Times 31:29 Jan 13 '71
- The Cursed Blessing, by S. Teveth. Royal United Svc Instn J 116:72 Mar '71
- The Czechoslovak Experiment: 1968-1969, by I. Svitak. Mil Rev 51:106 Jul '71
- D-Day: The Normandy Invasion in Retrospect, by the Eisenhower Foundation. AF Mag 54:31 Sep '71; Aerosp Hist 18:159 Sep '71
- The Damned Engineers, by J. H. Giles. Army 21:56 Jan '71; Mil Engr 63:75 Jan-Feb '71; Mil Rev 51:103 Feb '71
- The Day the Red Baron Died, by D. M. Titler. AF & Space Dig 54:21-22 Jan '71; Am Avn Hist Soc J 16:63 Spring '71
- Dear General: Eisenhower's Wartime Letters to Marshall, edited by J. P. Hobbs. AF Mag 54:74 Jun '71; MarCor Gaz 55:14-15 Sep '71; Royal United Svcs Inst for Def Studies J 116:75-76 Sep '71
- Decision of Destiny, by W. S. Schoenberger. Mil Rev 51:107 May '71; Aerosp Hist 18:160 Sep '71
- The Decision To Go to the Moon, by J. M. Logsdon. Aerosp Hist 17:165 Dec '70
- De Gaulle and the Anglo-Saxons, by J. Newhouse. Royal United Svc Instn J 115:68-69 Dec '70; Mil Rev 51:105 Feb '71
- The Demigods: Charismatic Leadership in the Third World, by J. Lacouture. Trans by P. Wolf. Mil Rev 51:110 Sep '71
- Destroy or Die: The True Story of Mylai, by M. Gershon. MarCor Gaz 55:46 Aug '71
- Detente Diplomacy: United States and European Security in the 1970's, by T. W. Stanley and D. M. Whitt. AU Rev 23:68-72 Nov-Dec '71
- Disaster at Moscow, by A. Turney. Army Qtr 101: 378-380 Apr '71
- Dissent and the State in Peace and War, by M. A. Kaplan. Parameters 1:67-68 Spring '71
- A Distant Challenge: The U. S. Infantryman in Vietnam 1967-70. MarCor Gaz 55:10-11 Dec '71
- Don't You Know There's a War On? The American Home Front 1941-1945, by R. R. Lingeman. AF Times 31:28 Mar 31 '71
- Duel of Eagles, by P. Townsend. AF Times 31:32 Feb 17 '71; AF Mag 54:117-118 Feb '71; Space World H-5-89:49 May '71; Am Avn Hist Soc J 16:140 Summer '71
- Earthbound Astronauts, by B. Lay, Jr. Space World H-11-95:41 Nov '71
- The Economic Impact of the Six-Day War: Israel, the Occupied Territories, Egypt, and Jordan, by E. Kanovsky. Mil Rev 51:110 Mar '71
- The Emergence of the Middle East: 1914-1924, by H. M. Sachar. Royal United Svc Instn J 115:67-68 Dec '70

BOOK REVIEWS - Continued

- The Emerging Japanese Superstate: Challenge and Response, by H. Kahn. AF Mag 54:65-66 Mar '71; Mil Rev 51:109 Mar '71
- The Emerging Nations and the American Revolution, by R. B. Morris. Mil Rev 51:106 Apr '71
- End of a War: Indochina, 1954, by P. Devillers and J. Lacouture. MarCor Gaz 55:10-12 Feb '71
- Europe after de Gaulle, by H. M. Gladwyn. Mil Rev 51:103 Jan '71
- Europe and America: The Next 10 Years, by W. R. Burgess and J. R. Huntley. AF Times 32:38 Dec 1 '71
- Every War Must End, by F. C. Ikle. Mil Rev 51:106 Aug '71
- The F-4 Phantom II, by G. G. O'Rourke. Am Avn Hist Soc J 16:140 Summer '71
- The Fall of Eben Emael: Prelude to Dunkerque, by J. E. Mrazek. Mil Rev 51:110 Jun '71; Mil Engr 63:226 May-Jun '71
- The Fields of Bamboo, by S. L. A. Marshall. MarCor Gaz 55:14 Apr '71; Army 21:64-65 Apr '71; Armor 80:65 Jul-Aug '71
- First on the Moon, by G. Farmer and D. J. Hamblin. Spaceflight 13:39 Jan '71
- Five Years to Freedom, by J. N. Rowe. AF Times 32:34 Sep 22 '71; MarCor Gaz 55:13 Oct '71
- The Foreign Affairs Fudge Factory, by J. F. Campbell. Mil Rev 51:108 Oct '71
- The Forgotten Fleet, by J. Winton. US Nav Inst Proc 97:95-96 Mar '71
- The Forgotten Soldier, by G. Sajer. Mil Rev 51:106 Jun '71
- Forty Days with the Enemy, by R. Dudman. AF Times 31:33 May 19 '71; AF Mag 54:24 Aug '71
- The Fourth Dimension of Warfare. Vol 1. Intelligence/Subversion/Resistance, edited by M. Elliott-Bateman. Armor 80:68 May-Jun '71; Mil Rev 51:107 Jun '71
- From the Jaws of Victory: A History of the Character, Causes and Consequences of Military Stupidity, from Crassus to Johnson and Westmoreland, by C. Fair. Army 21:58 Sep '71; Armor 80:67-68 Nov-Dec '71
- From Trust to Terror: The Onset of the Cold War, 1945-1950, by H. Feis. Mil Rev 51:111 Mar '71
- Fundamentals of Configuration Management, by T. T. Samaras and F. L. Czerwinski. Ordnance 55:570 May-Jun '71
- General Eisenhower on the Military Churchill: A Conversation with Alistair Cooke. MarCor Gaz 55:45-46 Aug '71
- General Vo Nguyen Giap: Banner of People's War, the Party's Military Line, by J. Lacouture. Mil Rev 51:108 Apr '71
- Genesis 1948: The First Arab-Israeli War, by D. Kurzman. Mil Rev 51:109 Jul '71
- Geneva 1954: The Settlement of the Indochinese War, by R. F. Randle. MarCor Gaz 55:10-12 Feb '71
- The Great Pursuit, by H. M. Mason, Jr. Mil Rev 51:103 Feb '71

BOOK REVIEWS - Continued

- The Greatest Aces, by E. H. Sims. *Aerosp Hist* 18:52 Mar '71
- The Greening of America, by C. Reich. *MarCor Gaz* 55:14 Jun '71
- Guerrilla Movements in Latin America, by R. Gott. *Royal United Svc Instn J* 116:75-76 Mar '71
- Guerrillas in History, by L. Gann. *Ordnance* 56:77 Jul-Aug '71; *Mil Rev* 51:108 Dec '71
- Guerrillas in Power: The Course of the Cuban Revolution, by K. S. Karol. Trans by A. J. Pomerans. *Mil Rev* 51:104 May '71
- Heinkel He 219 Uhu, by R. P. Bateson. *Air Pict* 33:36 Jan '71
- Hess: The Last of the Third Reich's Imprisoned Leaders, by J. B. Hutton. *Ordnance* 56:78 Jul-Aug '71; *MarCor Gaz* 55:12-13 Oct '71
- History of the Second World War, by B. Liddell Hart. *Royal United Svc Instn J* 115:54-56 Dec '70; *AF Times* 31:31 Apr 28 '71; *Army Qtr* 101:376-377 Apr '71; *Army* 21:55-56 Jun '71; *Armor* 80:64-65 Jul-Aug '71; *Mil Rev* 51:109 Nov '71
- Hitler as Military Commander, by J. Strawson. *Royal United Svcs Inst for Def Studies J* 116:74-75 Sep '71
- Hitler's Last Offensive, by P. Elstob. *Mil Engr* 63:226 May-Jun '71; *MarCor Gaz* 55:14-15 May '71; *Royal United Svcs Inst for Def Studies J* 116:74-75 Jun '71; *Armor* 80:64-66 Sep-Oct '71; *Mil Rev* 51:111 Oct '71
- How Much Is Enough? Shaping the Defense Program, 1961-1969, by A. C. Enthoven and K. W. Smith. *Armed Forces J* 108:36-42 Feb 1 '71; *AF Mag* 54:64-65 Mar '71; *Mil Rev* 51:105 May '71; *Army* 21:63 May '71
- How They Won the War in the Pacific: Nimitz and His Admirals, by E. P. Hoyt. *Ordnance* 55:567-568 May-Jun '71
- If This Be Treason: Your Sons Tell Their Own Stories of Why They Won't Fight for Their Country, by F. Stevens. *Mil Rev* 51:107 Apr '71
- Impact of War 1914-1918, by J. Terraine. *Royal United Svc Instn J* 115:58-59 Dec '70
- In Search of Morale, an Empire Loses Hope, by A. Shub. *Royal United Svcs for Def Studies J* 116:73-74 Sep '71
- The Indian Army: Its Contribution to the Development of a Nation, by S. P. Cohen. *Mil Rev* 51:110 Nov '71
- India's China War, by N. Maxwell. *Royal United Svc Instn J* 115:64 Dec '70; *Mil Rev* 51:108 Sep '71
- Inside the Third Reich, by A. Speer. *AU Rev* 22:69-72 Jan-Feb '71
- Insurgency, by A. M. Scott and others. *Mil Rev* 51:110 Jun '71
- The Intelligence Establishment, by H. H. Ransom. *Ordnance* 55:479-480 Mar-Apr '71
- International Airlines and Politics, by R. L. Thornton. *Interavia* 26:172 Feb '71
- International Security: Reflections on Survival and Stability, edited by K. J. Twichett. *Royal United Inst for Def Studies J* 116:87 Sep '71

BOOK REVIEWS - Continued

- Interoceanic Canal Studies 1970, by Atlantic-Pacific Interoceanic Canal Study Commission. *Nav War Col Rev* 24:80-81 Nov '71
- The Israeli Soldier: Profile of an Army, by S. Rolbant. *Army* 21:64 Apr '71
- Japan: The Final Agony, by A. Coox. *Aerosp Hist* 18:51 Mar '71
- Japan: The Story of a Nation, by E. O. Reischauer. *Mil Rev* 51:105 Apr '71
- The Japanese Navy in World War II, by R. O'Connor. *Navy* 14:38 May '71
- Japan's Postwar Defense Policy, 1947-1968, by M. E. Weinstein. *AF Mag* 54:32 Sep '71
- Jeb Stuart, by J. W. Thomason, Jr. *Ordnance* 55:379 Jan-Feb '71
- Khrushchev Remembers. Trans by S. Talbott. *Royal United Svcs Inst for Def Studies J* 116:61-64 Jun '71
- Laboratory at the Bottom of the World, by P. Briggs. *Mil Engr* 63:75 Jan-Feb '71
- Legacy of Leadership: A Pictorial History of Trans World Airlines, by D. McGrogan. *Am Avn Hist Soc J* 16:140 Summer '71
- Links of Leadership: Thirty Centuries of Military Command, by J. Laffin. *Mil Rev* 51:108 Jan '71; *Ordnance* 55:380 Jan-Feb '71
- Listening to America, by B. Moyers. *AF Times* 31:33 Jun 16 '71
- Local Economic Development after Military Base Closures, by J. E. Lynch. *Ordnance* 55:378 Jan-Feb '71
- The Log of Air Navigation, by N. B. Harbold. *AU Rev* 22:89-93 Jul-Aug '71
- London's Burning, by C. Fitzgibbon. *AF Times* 31:28 Mar 17 '71
- The Lost Crusade: America in Vietnam, by C. L. Cooper. *Mil Rev* 51:107 Feb '71; *Army* 21:52-55 Feb '71; *MarCor Gaz* 55:10 Mar '71
- The Luftwaffe War Diaries, by C. Bekker. *MarCor Gaz* 55:11-12 Jan '71
- MacArthur, by S. L. Mayer. *Aerosp Hist* 18:160 Sep '71
- McNamara: His Ordeal in the Pentagon, by H. L. Trewhitt. *AF Mag* 54:30-31 Sep '71; *MarCor Gaz* 44:14 Nov '71; *Army* 21:62 Nov '71; *Nav War Col Rev* 24:101-102 Dec '71
- The Making of an Ex-astronaut, by B. O'Leary. *Spaceflight* 13:397-398 Oct '71
- The Making of Israel's Army, by Y. Allon. *MarCor Gaz* 55:11 Jan '71; *Armor* 80:67-68 Mar-Apr '71; *Ordnance* 55:481 Mar-Apr '71; *Royal United Svc Instn J* 116:72 Mar '71; *Army* 21:64 Apr '71
- Managing Complexity: Work, Technology, and Human Relations, by J. C. Stephens. *Armed Forces Compt* 16:27-28 Summer '71
- The Marine Machine: The Making of the United States Marine, by W. Mares. *Nav War Col Rev* 23:102 Jun '71; *Mil Rev* 51:107 Aug '71

BOOK REVIEWS - Continued

- Marshal Petain, by R. Griffiths. Royal United Svc Instn J 116:66 Mar '71
- The Memoirs of Marshal Zhukov, by G. K. Zhukov. AF Mag 54:24-25 Aug '71; Army 21:59 Aug '71; Mil Rev 51:107 Oct '71
- Men in Arms: A History of Warfare and Its Interrelations with Western Society, 2d revised edition, by R. A. Preston and Sydney F. Wise. Mil Rev 51:108 Jun '71
- The Mercenaries, by A. Mockler. Army 21:55-56 Jan '71
- The Middle East in Revolution, by H. Trevelyan. AF Mag 54:73-74 Jun '71; Mil Rev 51:111 Sep '71
- The Mighty Eighth, by R. A. Freeman. AU Rev 22:72-78 Jan-Feb '71. Aerosp Hist 18:50 Mar '71
- The Military Establishment: Its Impacts on American Society, by A. Yarmolinsky. Mil Rev 51:106 May '71; AF Mag 54:73 Jun '71
- Military Government Journal: Normandy to Berlin, by J. J. Maginnis. Army 21:63-64 May '71
- Military Men, by W. Just. AF Times 31:30 Jan 20 '71; AF Mag 54:65 Mar '71; Mil Rev 51:108 Mar '71; Armor 80:66-67 May-Jun '71
- The Military Prison: Theory, Research, and Practice, edited by S. L. Brodsky and N. E. Eggleston. Mil Rev 51:111 Jun '71
- The Montagnards of South Vietnam: A Study of Nine Tribes, by R. L. Mole. Ordnance 55:379 Jan-Feb '71
- Moon: Man's Greatest Adventure, edited by D. Thomas and others. AF Mag 54:77 Jun '71
- Moscow and Jerusalem: Twenty Years of Relations Between Israel and the Soviet Union, by A. Dagan. AF Mag 54:73 Jun '71
- Mosquito, the Wooden Wonder Aircraft of WWII, by J. Holliday. Am Avn Hist Soc J 16:139 Summer '71
- Multicrisis: Sea Power and Global Politics in the Missile Age, by J. T. Howe. MarCor Gaz 55:10 Dec '71
- My Life and the Times, by T. Catledge. AF Times 31:32 Aug 4 '71
- NATO: The Transatlantic Bargain, by H. Cleveland. Mil Rev 51:108 May '71
- Neutrality: The Finnish Position, by U. Kekkonen. Royal United Svc Instn J 115:69-70 Dec '70
- The New Left Reader, edited by C. Oglesby. Mil Rev 51:107 May '71
- The Nigerian Army, 1956-1966, by N. J. Miners. Royal United Svcs Inst for Def Studies J 116:80 Sep '71
- The Nightmare Decade: The Life and Times of Senator Joe McCarthy, by F. C. Cook. AF Times 32:33 Oct 13 '71
- Nineteen Stars, by E. F. Puryear, Jr. Ordnance 56:159-160 Sep-Oct '71
- Nuclear Diplomacy: The First Twenty-five Years, by G. H. Quester. AF Mag 54:28-29 Oct '71
- Nuclear Proliferation: Prospects for Control, edited by B. Boskey and M. Willrich. Mil Rev 51:111 Nov '71

BOOK REVIEWS - Continued

- The Nuclear Years: The Arms Race and Arms Control, 1945-1970, by C. M. Roberts. AF & Space Dig 54:22-23 Jan '71; MarCor Gaz 55:13 Apr '71
- Nuremberg and Vietnam: An American Tragedy, by T. Taylor. AF Times 31:28 Apr 21 '71
- Oceans, Poles and Airmen, the First Flights Over Wide Waters and Desolate Ice, by R. Montague. Am Avn Hist Soc J 16:216 Fall '71
- Of a Fire on the Moon, by N. Mailer. AF Times 31:32 Feb 24 '71
- On Silent Wings: Adventures in Motorless Flight, by D. Duggins. Am Avn Hist Soc J 16:216 Fall '71
- Operation Overflight, by F. G. Powers. Aerosp Hist 17:165 Dec '70; Air Pict 33:228 Jun '71
- Operation: Rescue, by H. M. David. AF Times 31:32 Jun 23 '71
- Organizing Space Activities for World Needs, by E. A. Steinhoff. Space World H-9-93:43 Sep '71
- The Pacific: Then and Now, by B. Bahrenburg. AF Mag 54:24 Aug '71
- Papa Doc--the Truth about Haiti Today, by B. Diehrich and A. Burt. MarCor Gaz 55:12 Mar '71
- The Papers of Robert H. Goddard, 1898-1945, edited by E. C. Goddard and G. E. Pendray. Spaceflight 13:274-275 Jul '71
- Patriotism in America, by J. J. Pullen. Ordnance 56:77 Jul-Aug '71
- The Peace Corps, by R. G. Carey. Royal United Svcs Inst for Def Studies J 116:73 Jun '71
- Pedestal--the Malta Convoy of August 1942, by P. Smith. Royal United Svc Instn J 116:78 Mar '71
- Pentagon Capitalism: The Political Economy of War, by S. Melman. Mil Rev 51:104 Feb '71
- The Pentagon Propaganda Machine, by J. W. Fulbright. AF Mag 54:118-119 Feb '71
- The Pentagon Watchers: Students Report on the National Security State, edited by L. S. Rodberg and D. Shearer. Ordnance 55:481 Mar-Apr '71; AF Mag 54:26-27 Oct '71
- Pictorial History of the RAF. Vol 3. 1945-1969, by J. W. R. Taylor and P. J. R. Moyes. Air Pict 33:76 Feb '71
- Pictorial History of the USAF, by D. Mondey. Royal Air Forces Qtr 11:164 Summer '71
- Pieces of the Action, by V. Bush. Ordnance 55:378 Jan-Feb '71; Mil Engr 63:75 Jan-Feb '71; AF Mag 54:117 Feb '71
- The Pilot Maker, by L. L. Kelly. Space World H-5-89:49 May '71; Mil Engr 63:227 May-Jun '71
- Politics and the Stages of Growth, by W. W. Rostow. Nav War Col Rev 24:82-84 Nov '71
- The Politics of Weapons Innovation: The Thor-Jupiter Controversy, by M. H. Armacost. Aerosp Hist 18:103 Jun '71
- The Power of the Presidency: Concepts and Controversy, edited by R. S. Hirschfield. Parameters 1:67 Spring '71
- The President's War, by A. Austin. AF Times 32:37 Dec 8 '71

BOOK REVIEWS - Continued

- Problems of Modern Strategy, edited by A. Buchan. MarCor Gaz 55:11-12 Mar '71; AF Mag 54:179 May '71; Parameters 1:66 Spring '71; Royal United Svcs Inst for Def Studies J 116:72-73 Jun '71; AU Rev 22:75-86 Jul-Aug '71
- The Prospects for Revolution: A Study of Riots, Civil Disobedience, and Insurrection in Contemporary America, by R. W. Conant. Mil Rev 51:110 Sep '71
- The Race for the Rhine Bridges, by A. McKee. MarCor Gaz 55:13 Jun '71; Royal United Svcs Inst for Def Studies J 116:74-75 Jun '71; AF Mag 54:25-26 Aug '71
- Rebellion and Authority: An Analytic Essay on Insurgent Conflicts, by N. Leites and C. Wolf, Jr. Parameters 1:65-66 Spring '71
- The Red Falcons: The Soviet Air Force in Action 1919-1969, by R. Jackson. Air Pict 33:36 Jan '71; Royal Air Forces Qtr 11:246-247 Autumn '71
- Remaking China Policy: U. S. - China Relations and Governmental Decision Making, by R. Moorsteen and M. Abramowitz. AF Mag 54:98 Nov '71
- Revolutionary War in World Strategy, 1945-1969, by R. Thompson. Mil Rev 51:104 Jan '71
- Richthofen, the Red Baron, by E. C. Shurmacher. Am Avn Hist Soc J 16:63 Spring '71
- The Rising Sun: The Decline and Fall of the Japanese Empire, 1936-1945, by J. Toland. Army 21:64 Apr '71
- The Road from War: Vietnam 1965-1970, by R. Shaplen. Mil Rev 51:109 Feb '71; AF Mag 54:66 Mar '71; Army 21:52-55 Feb '71
- The Roads to Russia: U. S. Lend-Lease to the Soviet Union, by R. H. Jones. Am Avn Hist Soc J 16:289 Winter '71
- Rommel as Military Commander, by R. Lewin. MarCor Gaz 55:10 Jan '71
- Roosevelt: The Soldier of Freedom, 1940-1945, by J. M. Burns. Royal United Svcs Inst for Def Studies J 116:67 Jun '71
- The Roots of Involvement: The U. S. in Asia 1784-1971, by M. Kalb and E. Abel. AF Times 31:33 Jun 2 '71; MarCor Gaz 55:13-14 Jun '71; AF Mag 54:29 Jul '71; Armor 80:65-68 Jul-Aug '71; Mil Rev 51:108 Aug '71
- The Russian Revolution, by M. Liebman. Trans by A. J. Pomerans. Mil Rev 51:104 Feb '71
- Russian Seapower: An Account of Its Present Strength and Strategy, by D. F. Gambit. Sea Power 14:40 Oct '71
- The Russo-German War, 1914-44, by A. Seaton. Royal United Svc Instn J 116:62-63 Mar '71; Army Qtr 101:378-380 Apr '71
- Ryan, the Aviator, by W. Wagner. Am Avn Hist Soc J 16:139-140 Spring '71; Aerosp Hist 18:160 Sep '71
- Scorched Earth: The Russian-German War, 1943-1944, by P. Carell. Mil Rev 51:109 Feb '71
- Second in Command, by E. R. Murphy, Jr and C. Gentry. Sea Power 14:41 Nov '71
- Secret Weapons of the Third Reich, by L. E. Simon. Army 21:56 Jun '71

BOOK REVIEWS - Continued

- Setting National Priorities: The 1972 Budget, by C. L. Schultze and others. Nav War Col Rev 24:84-85 Nov '71
- Seven Firefights in Vietnam, by J. Albright and others. Signal 25:71 May '71
- Shaping the Defense Program, 1961-1969, by A. C. Enthoven and K. W. Smith. Persp in Def Mgt, pp 51-55, Fall '71
- Shield of David, by Y. Allon. Royal United Svc Instn J 116:72 Mar '71; Army Qtr 101:509 Jul '71
- The Skyjacker: His Flights of Fantasy, by D. G. Hubbard. Parameters 1:70 Fall '71
- Soldiers, Scholars and Society, the Social Impact of the American Military, by E. B. Glick. MarCor Gaz 55:11 Jul '71; Army 21:51 Dec '71
- Soldiers Without Enemies, by L. L. Fabian. Royal United Svcs Inst for Def Studies J 116:73 Sep '71
- Soviet Power and Europe: 1945-1970, by T. W. Wolfe. Army 21:54-55 Jan '71; AU Rev 22:72-75 May-Jun '71
- Soviet Rocketry: Past, Present, and Future, by M. Stoiko. AF & Space Dig 54:23 Jan '71
- The Soviet Union and Latin America, edited by J. G. Oswald and A. J. Strover. Mil Rev 51:104 Apr '71
- Spear and Scepter: Army, Police, and Politics in Tropical Africa, by E. W. Lefever. AF Mag 54:30 Jul '71; Royal United Svcs Inst for Def Studies J 116:73 Jun '71; Mil Rev 51:109 Aug '71
- Stilwell and the American Experience in China, 1911-45, by B. Tuchman. Army 21:64-65 Mar '71; Mil Rev 51:104 May '71; MarCor Gaz 55:13-14 Apr '71; Ordnance 55:569-570 May-Jun '71; Mil Engr 63:226 May-Jun '71; AF Mag 54:31-32 Sep '71; Armor 80:66 Sep-Oct '71
- Strange War, Strange Strategy: A General's Report on Vietnam, by L. W. Walt. Ordnance 55:378 Jan-Feb '71; Govt Exec 3:49 Jan '71; Navy 14:39 Apr '71
- Strategy for Tomorrow, by H. W. Baldwin. AF & Space Dig 54:21 Jan '71; Mil Engr 63:75 Jan-Feb '71; Nav War Col Rev 23:89-90 Feb '71; AU Rev 22:70-72 May-Jun '71
- Strategy of Technology, by S. T. Possony and J. E. Pournelle. Army 21:58 Jul '71; AF Mag 54:26-27 Oct '71; Ordnance 56:247 Nov-Dec '71
- Studies in War and Peace, by M. Howard. AF Mag 54:179-180 May '71; AU Rev 23:73-80 Nov-Dec '71
- The Suez Expedition, by A. Beaufre. AU Rev 22:89-94 Mar-Apr '71
- Suez--the Twice Fought War, by K. Love. Royal United Svcs Inst for Def Studies J 116:69 Jun '71
- The Sunshine Soldiers: Army Basic Training Is the Initiation to Traditional American Society, by P. Tauber. Mil Rev 51:107 Aug '71
- The Supreme Commander: The War Years of General Dwight D. Eisenhower, by S. E. Ambrose. Mil Rev 51:111 Mar '71; Armor 80:66-67 Mar-Apr '71; Ordnance 55:480 Mar-Apr '71; MarCor Gaz 55:10-11 Mar '71
- Surfboats and Horse Marines, by K. J. Bauer. US Nav Inst Proc 97:90 Jan '71

BOOK REVIEWS - Continued

- Surviving the 70's, by B. DeMott. AF Times 31:32 Jul 7 '71
- The Sword and the Scepter. Vol 2. The European Powers and the Wilhelminian Empire, 1890-1914, by G. Ritter. Army Qtr 101:383-384 Apr '71
- Terror from the Sky, by E. Jablonski. AF Times 31:36 May 5 '71
- Tet: The Story of a Battle and Its Historic Aftermath, by D. Oberderfer. AF Times 32:31 Nov 10 '71
- Theories of Peace and Security: A Reader in Contemporary Strategic Thought, edited by J. Garnett. Royal United Svc Instn J 115:63-64 Dec '70
- The Theory of International Relations, edited by M. G. Forsyth and others. Royal United Svc Instn J 116: 68 Mar '71
- Thud Ridge, by J. Broughton, Sea Power 14:35 Dec '71
- Today's Revolutionaries, by I. Greig. Royal United Svc Instn J 115:63 Dec '70
- Trieste, 1941-1954: The Ethnic, Political, and Ideological Struggle, by B. C. Novak. Mil Rev 51:105 Feb '71
- Truth and Power: Essay of the Decade, 1960-70, by H. J. Morgenthau. AF Times 31:28 Jan 6 '71; Mil Rev 51:109 May '71; Aerosp Hist 18:51 Mar '71
- The Tuesday Cabinet: Deliberation and Decision on Peace and War Under Lyndon B. Johnson, by H. F. Graff. AU Rev 22:69-76 Sep-Oct '71
- Typhoon of Steel: The Battle for Okinawa, by J. and W. Belote. MarCor Gaz 55:14 Feb '71; Mil Rev 51:105 May '71; Nav War Col Rev 23:91-92 May '71
- Undeclared War and Civil Disobedience: The American System in Crisis, by L. R. Velvel. Mil Rev 51:107 Jun '71
- Understanding Doomsday, by T. G. Plate. Ordnance 56:248-249 Nov-Dec '71
- Understanding the Russians: A Citizen's Primer, by F. D. Kohler. Mil Rev 51:103 Jan '71
- U.S. China Policy and the Problem of Taiwan, by W. M. Bueler. Ordnance 56:248 Nov-Dec '71
- U.S. Corporate Investment in Taiwan, by J. C. Schreiber. Mil Rev 51:111 Jun '71
- Unmasked--Two Confidential Interviews with Hitler in 1931, by E. Calic. Army Qtr 101:513-514 Jul '71
- Vanguard: A History, by C. M. Green and M. Lomask. AF Mag 54:29 Jul '71
- The Victors' Dilemma, by J. Silverlight. Royal United Svc Instn J 116:79 Mar '71
- Violence as Protest: A Study of Riots and Ghettos, by R. M. Fogelson. Mil Rev 51:110 Sep '71
- The War in the Yemen, by E. O' Ballance. Army Qtr 101:508-509 Jul '71
- The War of the Innocents, by C. B. Flood. Army 21: 52-55 Feb '71; AU Rev 22:76-78 May-Jun '71
- The War Profiteers, by R. F. Kaufman. AF Mag 54: 20-21 Apr '71
- War Without Heroes, by D. D. Duncan. AF Times 31:33 May 19 '71; Armor 80:66-68 Sep-Oct '71

BOOK REVIEWS - Continued

- The Wartime Journals of Charles A. Lindbergh. Air Pict 33:112 Mar '71; Aerosp Hist 18:50-51 Mar '71
- Who Killed the Red Baron?, by P. J. Carisella and J. W. Ryan. AF & Space Dig 54:21-22 Jan '71
- Why Men Rebel, by T. R. Gurr. Parameters 1:68-69 Spring '71
- Wider War: The Struggle for Cambodia, Thailand, and Laos, by D. Kirk. AF Mag 54:32 Sep '71; Army 21:59 Sep '71
- The Years of MacArthur. Vol I. 1880-1941, by D. C. James. Army Qtr 101:515-516 Jul '71; Royal United Svcs Inst for Def Studies J 116:75 Sep '71
- Zanek! A Chronicle of the Israeli Air Force, by W. Stevenson. AF Times 31:30 Mar 3 '71; Aerosp Hist 18:162 Sep '71; Mil Rev 51:109 Nov '71

BOOSTERS

- See also
Space Project--Saturn
Space Project--Scout
- ELDO's Europa launch vehicle programme. illus Interavia 26:1171 Oct '71
- A gallery of USAF weapons: The launch vehicles. illus AF Mag 54:148 May '71
- Rocketry's ageless wonders. (Reprinted from Sky-line, vol 28, no. 4, 1970) illus Space World H-5-89:4-15 May '71

BORDA, Richard J.

- Borda wants to hear your gripes. por AF Times 31:22 May 5 '71

BOYLAN, George S., Jr

- Resource allocation and management. Editorial. LtGen George S. Boylan, Jr. por AF Compt 5: back cover Jul '71

BRADDOCK, Edward

- Braddock's defeat. LtCol Justus M. M. Lenschau, Jr. illus map Mil Rev 51:30-40 Nov '71

BRADLEY, Omar N.

- They had charisma: (Gens) Marshall, Bradley, Patton, Eisenhower; from the papers of LtGen Raymond S. McLain. LtCol Albert N. Garland, Ret. por Army 21:26-31 May '71
- Why does this area (North Central Missouri) grow great generals? Col William G. Stewart. por biog Army 21:44-45 Jun '71

BRAIN

- Cerebral dysfunction as a cause of pilot failure during training or operational flight. G. J. Kidera and others. Aerosp Med 42:559-563 May '71
- Clinical value of the electroencephalogram following sleep deprivation. Lauren K. Welch and Joseph B. Stevens. illus tabs Aerosp Med 42:349-351 Mar '71
- Electroencephalograms of 2,947 United States Air Force Academy cadets (1965-1969). Paul L. Richter and others. tabs Aerosp Med 42:1011-1014 Sep '71
- Epilepsy and medical examinations of flight personnel, importance and difficulty of diagnosis. J. Lavernhe and others. Aerosp Med 42:889-890 Aug '71

BRAIN - Continued

- NASA brain sensor. Spaceflight 13:134-135 Apr '71
- Period analysis of space flight EEG. Ashley J. Welch. illus tab Aerosp Med 42:601-606 Jun '71
- Study of simulated airline pilot incapacitation: Phase II. Subtle or partial loss of function. C. R. Harper and others. Aerosp Med 42:946-948 Sep '71

BRAKES

- See also
Airplanes, Military--Brakes

BRAUN, Wernher von

- Science and technology: 'A positive outlook.' (Condensed from speech, Aviation/Space Writers Assoc, Washington, May 27, 1971) Wernher von Braun. (Reprinted from Aerospace, July 1971) Space World H-11-95:24-25 Nov '71
- Two honorary members (Drs Wernher von Braun and Louis Rousselot) named in Houston (Tex) at 42d Annual Meeting (of Aerospace Medical Assoc, April 26-29, 1971). por Aerosp Med 42:689 Jun '71

BRAZIL

- Colossus of the South (Brazil). Norman A. Bailey. illus Mil Rev 51:3-7 Dec '71

Economic Policy

- Colossus of the South (Brazil). Norman A. Bailey. illus Mil Rev 51:3-7 Dec '71

BRIDGES

- The British medium girder bridge. E. Longbottom. illus tab Intl Def Rev 3:188-189 Jun '70
- The (Liberty) Bridge (at An Hoa): A study in defense. Capt Wayne A. Babb. illus map MarCor Gaz 55:16-23 Jun '71
- Long bridge at Bong Son. Capt Roger L. Baldwin. illus Mil Engr 63:334-335 Sep-Oct '71
- Military bridging--status and trends. William B. Taylor. illus Mil Engr 63:417-420 Nov-Dec '71
- The ribbon bridge: Latest in a long line of adaptations. Brooke Nihart. illus Armed Forces J 108:22-23 Feb 1 '71

BRIEFING AND BRIEFING TEAMS

- Tools of the trade. LtCol Louis A. Wootton. USAF Instrs J 8:47-50 Spring '71

BRINSON, William L.

- Remaining constant through change. (Academic Instructor Course) Col William L. Brinson. USAF Instrs J 9:4-7 Summer '71

BRITISH AIRCRAFT CORP

- BAC's commercial aircraft prospects. illus tab Air Pict 33:380-383 Oct '71

BRITISH EUROPEAN AIRWAYS CORPHistory

- BEA's first 25 years. Terence E. Ford. illus Air Pict 33:271-273 Aug '71

BRITISH INTERPLANETARY SOCIETY

- (Report on) 26th Annual General Meeting (London, June 17, 1971). tabs Spaceflight 13:389-390 Oct '71

BROFFT, Robert E.

- Brofft named to head Pacific Exchange System--Vande Hey to retire (and other reassignments and retirements announced). AF Times 31:3 Mar 17 '71

BROWN, Frederic J.

- LtGen Frederic Joseph Brown, Jr, 1905-1971. por obit Armor 80:47 May-Jun '71

BROWN, George S.

- AFSC: Foundation for the Air Force. Interview. Gen George S. Brown. por AF Mag 54:40-45 Apr '71
- AFSC's Brown: "And then the system took over." por Govt Exec 3:32-33 Apr '71
- Air Force program managers: Why all the praise? Interviews. Gen George Brown, MajGen Douglas T. Nelson, BrigGens Benjamin N. Bellis and Warner E. Newby and others. por Govt Exec 3:34-35+ Jun '71
- Air Force Systems Command. por AF Mag 54:76-81 May '71
- Air Force Systems Command: Rebuilding a lost image. Interview. Gen George S. Brown. por Govt Exec 3:46-47+ Oct '71
- A clearer perspective. (Remarks, Washington Chapter, American Ordnance Assoc, Washington, April 12, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 6:18-24 Jun '71
- Facing the facts. Gen George S. Brown. por AF Mag 54:20-24 Nov '71
- Gen Brown says: Military achievements underrated. AF Times 31:21 Apr 28 '71
- Six facts about the threat. (Remarks, 15th Symposium, Society of Experimental Test Pilots, Beverly Hills, Calif, Sep 17, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 11:10-16 Nov '71
- Streamlining management. (Remarks, DOD-NSIA Symposium, Washington, Aug 12, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 10:17-25 Oct '71
- The unsung heroes--logisticians who supply the troops. por Ordnance 55:324-325 Jan-Feb '71
- Weapon systems for the future. (Remarks, 7th Propulsion Joint Specialist Conference. American Institute of Aeronautics and Astronautics, Salt Lake City, Utah, June 16, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 9:13-19 Sep '71

BROWN, I. G.

- The Air National Guard. por AF Mag 54:126-129 May '71
- The Air National Guard at the (NGAUS) 93d General Conference (Honolulu, Hawaii, Sep 20-23, 1971). por Natl Guardsman 25:13-16 Nov '71

BROWNE, Secor D.

- Chairman Browne of the CAB. por Interavia 26:782 Jul '71

BUDD, Philip J.

- VA's Phil Budd: "Largest, most important area VA will be pursuing..." Govt Exec 3:30 Jun '71

BUDGET

This heading is used only for budget of a country as a whole; see Appropriations and Expenditures for the military services and other agencies.

Russia

Soviet military-economic complex. Konstantin K. Krylov. illus Mil Rev 51:89-97 Nov '71

United States

The federal budget--what it really means. Betty Oswald. Govt Exec 3:44+ Mar '71

Goodies and surprises in a statistical smorgasbord. Armed Forces J 108:37 Feb 15 '71

Holding the line and hedging against the future--the 1972 Defense budget. illus tabs Army 21:6-9 Mar '71

Making management decisions financially meaningful. C.S.Mason. illus Def Mgt J 6:44-45 Feb '71

The national picture. Jack W. Carlson. illus Armed Forces Compt 16:9-11 Spring '71

Nixon doctrine budget faces major hurdle in Congress. James D. Hessman. tab Armed Forces J 108:24-25+ Feb 15 '71

BUILDING AND CONSTRUCTIONSee also

Air Bases--Construction
Missile Bases--Construction
Underground Structures
Vietnamese Conflict, 1957- --Engineering and Construction

Air Guard units deploy to Alaska for building job. AF Times 32:40 Sep 1 '71

B-52 'satellites' expand facilities. AF Times 31:3 Apr 28 '71

Building funds asked. AF Times 31:3 May 5 '71

Built-ins for George (AFB, Calif). Ed Blair. illus Airman 15:24-28 Nov '71

DOD seeks \$2,259-million for military construction. tab Armed Forces J 108:14-15 Jul 5 '71

Design criteria for Military Construction Programs (MCPs). TIG Brief 23:16 Feb 12 '71

Family units go up fast at Bergstrom (AFB, Tex). Jim Sample. AF Times 31:2 Feb 10 '71

Funds approved for more homes. AF Times 32:4 Nov 3 '71

The housing boom at George AFB (Calif). Edgar Ulsamer. illus AF Mag 54:52-53 Oct '71

Housing--from missiles to modules. illus Govt Exec 3:25-27 Jun '71

Housing planned for low-income military families. Armed Forces J 108:17-18 May 3 '71

Housing relief nears. Bob Horowitz. AF Times 31:1+ Jan 20 '71

Housing request far below need. Jim Sample. AF Times 31:1+ Apr 14 '71

Indian Ocean attracts interest, U.S. starts base. Brooke Nihart. Armed Forces J 108:18 Apr 5 '71

BUILDING AND CONSTRUCTION - Continued

MAC busy in building. AF Times 32:2 Oct 27 '71

Massive housing program sought--(MajGen Guy H.) Goddard tells lawmakers the problems. Ed Gates. AF Times 32:13 Sep 22 '71

New building plan improves housing. AF Times 32:20 Sep 1 '71

OSD seeks 9,684 family housing units in FY 72 mil(itary) con(struction) plan. tab Armed Forces J 108:11-12 Apr 19 '71

Opposition flares again to Bolling (AFB, DC) construction. AF Times 31:2 Aug 4 '71

Public housing planned--military families get priority. Jim Sample. AF Times 31:3 May 5 '71

Prototype hospital scheduled (at Travis AFB, Calif). AF Times 31:2 May 26 '71

Seabees ashore: Self-help program. CAPT Jack E. Washburn and LCDR S. A. Martinelli. illus tab Mil Engr 63:266-267 Jul-Aug '71

Senate OKs housing bill--extra 470 units denied. AF Times 32:8 Aug 25 '71

Siting facilities--military construction programs and P341 projects. TIG Brief 23:16 Feb 12 '71

Tunnel technology--wanted: Hard-rock "moles." illus Govt Exec 3:22-23 Jan '71

24 bases to get motel-like units. Jim Sample. AF Times 31:1+ Jun 16 '71

Use of rigid urethane foam for roof surfaces. Bruce C. Gandy. illus AF Civil Engr 12:25-26 May '71

Costs

Lowering construction costs. TIG Brief 23:16 Mar 12 '71

Military Construction Program (MCP) cost goals. TIG Brief 23:6 Feb 12 '71

BUILDINGS, PREFABRICATED

Built-ins for George (AFB, Calif). Ed Blair. illus Airman 15:24-28 Nov '71

George's (George AFB, Calif) new modulars lauded. Bob Neprud. illus AF Times 32:38 Oct 27 '71

Housing--from missiles to modules. illus Govt Exec 3:25-27 Jun '71

New building plan improves housing. AF Times 32:20 Sep 1 '71

Seamans tells of new family housing, hospital programs. James D. Hessman. Armed Forces J 108:34 Jul 5 '71

BURBA, Edwin H.

Burba memorial. illus Armor 80:61 May-Jun '71

BURIAL

Transportation of relatives of deceased military personnel to attend group burials. TIG Brief 23:12 Jul 2 '71

BURNELL, Bates C.

Safeguard--1971. BrigGen Bates C. Burnell. illus tab
Mil Engr 63:386-388 Nov-Dec '71

BUSH, George M.

Army mobility for logistical support. (Adapted from
address, Society of American Military Engineers,
San Francisco, May 21, 1971) BrigGen George M.
Bush, illus Mil Engr 63:306-312 Sep-Oct '71

BUSH, George M. - Continued

Mission: Mobility support--Army Mobility Equipment
Command. BrigGen George M. Bush. por Def Ind
Bul 7:30-35 Summer '71

BUSINESS

See also
Small Business

BYRD, Harry F., Jr

Sen Harry F. Byrd, Jr--a massive resister. por
Govt Exec 3:V-10 Sep '71

CAB see Civil Aeronautics Board

CAP see Civil Air Patrol

CAT (Clear Air Turbulence) see Turbulence

CBW see Chemical-Biological Warfare

CDC see Army Combat Developments Command

CEMA see Council of Mutual Economic Assistance

CENTO see Central Treaty Organization

CHAMPUS (Civilian Health and Medical Program of the Uniformed Services) see Medicare

COMECON see Council of Mutual Economic Assistance

CRAF see Civil Reserve Air Fleet

CABLES

Cable TV. Dean Burch and Clay Whitehead. Signal 26:36-39 Oct '71

Lenoir's (wooden cable-layer) last voyage. 1stLt Robert Gair. illus Airman 15:5-11 Apr '71

Nylon jackets (for) aircraft control cables. P. L. Smith. illus Aerosp Safety 27:26-27 Jul '71

A solution to wire pollution--Versatile Interior Multiplex Systems (VIMS). J. Ohlhaber. illus Signal 25:6-8 Apr '71

Trends and future of telecommunications. Henri Busignies. Signal pt 1, 26:16-19 Nov '71; pt 2, 26:18-21 Dec '71

CAGLE, Malcolm W.

The "Hanoi Hilton" (North Vietnam's prison camps) heroes. RADM M. W. Cagle. illus Navy 14:13-16 Jun '71

Naval Training Command established. Armed Forces J 108:13-14 Aug '71

Naval training czar (Naval Training Command, Pensacola, Fla). L. Edgar Prina. por Navy 14:35-36 Jul-Aug '71

(Naval) training management problem. por Govt Exec 3:14 Dec '71

Weekend warriors (Naval Air Reserve) make a comeback. RADM Malcolm W. Cagle. illus Navy 14:22-26 Feb '71

CALDWELL, Turner F.

Anti-submarine warfare today: Talks with the top operator and top developer. Interview. VADM Turner Caldwell and RADM Parker B. Armstrong. por Armed Forces J 108:22-23+ May 3 '71

CALIBRATION

F-111 A/E altitude calibration. Capt Don Henry. illus tab USAF Ftr Wpns Rev No. 1:16-24 Spring '71

CALIFORNIA

Description and Travel

Welcome to San Diego, 1971 Navy League Convention. illus Navy 14:S1-S32 Mar '71

CALLAGHAN, William M.

G.E. will build engines for Spruance DDs. ADM William M. Callaghan. illus Armed Forces J 108:17 Jan 18 '71

CAMBODIA

The Cambodian action: An enemy sanctuary despoiled. SP5 Tom Bailey. illus Soldiers 26:34-42 Sep '71

CAMBODIA - Continued

Cambodian blitz. Maj Mel Jones. illus Armor 80:21-24 Jan-Feb '71

The Presidential decision on the Cambodian operation --a case study in crisis management. Col Russell H. Smith. illus AU Rev 22:45-53 Sep-Oct '71

Understanding the war in Cambodia. Vincent R. Tocci. illus map Armed Forces J 108:37-39 Jan 18 '71

Foreign Relations

Cambodia and its neighbors. Charles E. Finan. illus map Mil Rev 51:75-83 Jun '71

History

Cambodia and its neighbors. Charles E. Finan. illus map Mil Rev 51:75-83 Jun '71

CAMERAS

Apollo optical bar panoramic camera. illus (Also cutaway) Space World H-11-95:16-23 Nov '71

A camera is a camera is a sensor. LtCol Wilbur A. Glass and MSgt James Grady. illus Signal 25:32-34 Mar '71

Cameras for Spacetrack. Maj Ralph B. Holtmann. illus tabs Mil Engr 63:44-45 Jan-Feb '71

F-4 film assessing. FltLt Trevor Richardson and Capt Bill Ross. illus USAF Ftr Wpns Rev No. 3:18-32 Fall '71

Haze filters for strike cameras. LtCol Chuck Costantino. illus Tac Air Recon Dig 5:24-28 Feb '71

(Lightweight, hand-held holography camera) illus Signal 26:66 Oct '71

The new F-4 gunsight camera. Capts Mike Sexton and Jerry Jameson. illus USAF Ftr Wpns Rev No. 3:8-13 Fall '71

One man's opinion (on tactical reconnaissance needs). LtCol Cecil J. Poss. illus Tac Air Recon Dig 5:16-21 Feb '71

'Sky eye' watches satellites--Edwards (AFB, Calif) crew films at night. Sgt John Scott. illus AF Times 31:30 Feb 3 '71

(Smallest television camera) illus Signal 25:67 Jul '71

CAMOUFLAGE

Now you see it, now you don't. Philip R. Smith, Jr. illus Army Dig 26:56-60 Jan '71

History

Ship camouflage (WWI): Deceptive art. Robert F. Sumrall. illus US Nav Inst Proc 97:57-77 Jul '71

CAMPBELL, William B.

Unannounced exchange inspections initiated. Armed Forces J 108:15 Mar 15 '71

CAMPING see Recreation: Travel, Military

CAMPS, MILITARY see Army Posts

CANADA

Foreign Policy

Canada and the United States. James Eayrs. Persp in Def Mgt, pp 31-41, Jan '71

The search for a defence policy in Canada. Col Strome Galloway. Army Qtr 101:287-294 Apr '71

CANADA - ContinuedForeign RelationsUnited States

The United States as a national security threat to Canada. Roger F. Swanson. (Condensed from Behind the Headlines, July 1970) illus Mil Rev 51:69-76 Jan '71

History

Iberville: Exponent of quick strike. LtCol Martin Blumenson and James L. Stokesbury. illus Army 21:45-48 Jul '71

Politics and Government

Canada and the United States. James Eayrs. Persp in Def Mgt, pp 31-41, Jan '71

CANADY, Robert M.

Logistics education--an overview. LtCol Graham W. Rider, Maj Robert M. Canady and Capt Brian G. Gnauck. tabs Log Spectrum 5:12-15 Summer '71

CANALS see WaterwaysCANTWELL, James F.

(NGA president's comments) MajGen James F. Cantwell. Regular feature in issues of National Guardsman

CARBON DIOXIDE

Carbon dioxide response curves at altitude. G. W. Gray and others. illus tabs Aerosp Med 42:1069-1073 Oct '71

Role of CO₂ in compressed-air narcosis. C. M. Hesser and others. illus tabs Aerosp Med 42:163-168 Feb '71

CARBON MONOXIDE

Influence of oxygen and carbon monoxide concentrations on blood carboxyhemoglobin saturation. F. Lee Rodkey and others. tabs Aerosp Med 42:1274-1278 Dec '71

Levels of carbon monoxide recorded on aircraft flight decks. H. J. Judd. illus tabs Aerosp Med 42:344-348 Mar '71

CAREER PROGRAM

Here are entered materials on career specialization and professional development. Specific occupations may be found under their own headings, e.g., Engineers.

"Balancing the transportation wheel." Maj Joseph N. Clark. illus Translog 2:10+ May '71

Career development and the Auditor General. Capt Augustine F. Campana. illus AF Compt 5:20-22 Mar '71

Career development plans for engineers. Miguel J. Martin. illus AF Civil Engr 12:6-7 Nov '71

Career ideas accepted. AF Times 32:3 Oct 27 '71

Career plan set up in procurement field. AF Times 31:3 Jan 13 '71

Commands to rotate 120 pilots. AF Times 32:3 Nov 10 '71

'Dream sheets' on file. AF Times 32:2 Nov 3 '71

Few change mind once in uniform--officer career attitudes. George Foster. AF Times 31:4 Jun 16 '71

CAREER PROGRAM - Continued

The flick of time (Films used in Project Palace Flick to explain programs at Military Personnel Center, Randolph AFB, Tex) MSgt Loren B Leonberger illus Airman 15:41-42 Nov '71

Growth opportunities for youth in the Air Force. (Remarks, Military Manpower Challenge Symposium, AFA Convention, Washington, Sep 21, 1971) LtGen George B. Simler. AF Plcy Ltr for Comdrs: Sup No. 11:29-32 Nov '71

The individual approach in career counselling. CDR John T. Gelke. US Nav Inst Proc 97:87-88 Jan '71

Ladders added in EM career changes. AF Times 31:50 Mar 31 '71

The logistics officer program. tab Army Log 3:26-28 Jan-Feb '71

New career opportunity for Philippine recruits. Armed Forces J 108:13 Mar 1 '71

New career plan (TOPCAP) approved for EM. Bruce Callander. AF Times 31:1+ Jun 9 '71

Officer career plans meshing. George Foster. AF Times 31:13 Feb 10 '71

Officer corps reform is our job. LtCols William L. Hauser and Zeb B. Bradford, Jr. illus Army 21:34-39 Dec '71

Officer volunteers sought in several career areas. AF Times 31:22 Jul 7 '71

Opportunities for graduates in the RAF. WgComdr A. G. T. James, Ret. illus Royal Air Forces Qtr 11:219-223 Autumn '71

'Palace Flicks' scheduled for '72 debut at bases. AF Times 32:10 Dec 22 '71

Planning an S&DE (Scientific And Development Engineering) career. Contact 25:15-16 Sep-Oct '71

Room at the top. SP5 Ronald J. Dettmar. illus Translog 2:22-23 May '71

Support slots listed. AF Times 31:2 Mar 31 '71

Third of officers want out--unhappy give variety of reasons. AF Times 32:6 Dec 29 '71

300 officers set for 'Palace Vista.' AF Times 31:8 Feb 24 '71

A view from the pasture. Col Edwin Sterling Leyland, Ret. NATO's Fifteen Nations 16:28-31 Aug-Sep '71

What's wrong with being an expert? (Disadvantage of Army's reassignment policy) BrigGen Lynn D. Smith, Ret. Army 21:26-29 Nov '71

CARGOSee alsoAir Cargo

Ammo moves to Europe via LASH (Lighter Aboard SHip)/barge. Maj Paul P. Leitz. illus Translog 2:4-5 Oct '71

CODILS (Commodity Oriented Digital Input Label System): Computer aid to transportation management. Capt E. D. Crooks. illus Translog 2:17-18 Feb '71

Cardpac! Joseph R. Simone. illus Translog 2:8-10 Aug '71

Dromedary container service enhances cargo security. 1stLt Charles J. Rouse. illus Translog 2:9-10 Oct '71

The equitable routing of export cargo. Translog 2: inside back cover Jun '71

CARGO - Continued

The government approach to the cargo security crisis. (Adapted from addresses, Joint Conference on the Cargo Security Crisis, Washington, June 17-18, 1971) Alan Bible and others. illus Translog 2:2-5+ Jul '71

Military containerization--impact on worldwide supply. A. Jack Mayor. illus Def Trans J 27:46-49 May-Jun '71

New interagency study (SPANS--Sealift Procurement And National Security) focuses on maritime problems. James D. Hessman. illus Armed Forces J 108:26-28 Jul 19 '71

New shipbuilding programs fail to halt precipitous decline in sealift capabilities. James Hessman. tab illus Armed Forces J 108:25-27+ Apr 5 '71

The other ports. illus Translog 2:16-19 Sep '71; South Atlantic outpost. 2:15-16 Oct '71

Port of Oakland--review for the future. Ben E. Nutter. illus Def Trans J 27:52-53 Mar-Apr '71

Revolution in shipping: Trends in cargo transportation (Port of Los Angeles). Bernard J. Caughlin. illus Def Trans J 27:48-51 Mar-Apr '71

Safeguarding small arms shipments. illus Translog 2:6-7 Mar '71

The sociological aspects of containerization. J. Ph. Backx. illus Def Trans J 27:42-45 May-Jun '71

Tug and barge transportation: International pace setter. John H. Lee. illus Def Trans J 27:54-58 Mar-Apr '71

CARIBBEAN REGION

The United States and the Caribbean. Raymond J. Barrett. illus map AU Rev 22:44-51 May-Jun '71

Strategic Importance

The doorstep challenge. James D. Theberge. illus Navy 14:17-23 Mar '71

The growing Soviet naval presence in the Caribbean: Its politico-military impact upon the United States. (Research paper, School of Naval Command and Staff, 1971) LCDR Jack L. Roberts. illus maps Nav War Col Rev 23:31-42 Jun '71

The Russo-Cuban pincers thrust in Caribbean--Panama Canal is target. Lawrence Griswold. illus map Sea Power 14:18-24 Dec '71

The United States and the Caribbean. Raymond J. Barrett. illus map AU Rev 22:44-51 May-Jun '71

CARICATURES AND CARTOONS

"Oddentifications" and Wren. E. A. Chris Wren. illus Aerosp Hist 17:137-139 Dec '70

CARLTON, Paul K.

The need for understanding. (Message, March AFB, Calif, June 17, 1971) LtGen Paul K. Carlton. AF Pley Ltr for Comdrs: Sup No. 10:12-14 Oct '71

CARTOGRAPHY see Maps and MappingCASEY, George W.

Profile of a fallen leader. Maj Mel R. Jones. por Infantry 61:26-27 Mar-Apr '71

CASEY, Maurice F.

The military-civilian airlift partnership. MajGen Maurice F. Casey. illus Translog 2:2-5 Mar '71

CASSIDAY, Benjamin B., Jr

The challenge (AFROTC). Capt James Johnson. illus Airman 15:25-29 Aug '71

CASSIDY, Richard T.

At ARADCOM: Solid progress despite pinch. LtGen Richard T. Cassidy. por Army 21:91-93 Oct '71

CASUALTIES

See also subdivision under specific wars, e.g., Korean War, 1950-1953--Casualties
Vietnamese Conflict, 1957--Casualties

The Army's toughest job--notifying the next of kin. Sgt1C Carl Martin. illus Soldiers 26:25-28 Aug '71

Casualty services. T1G Brief 23:5 Apr 23 '71

Mobilized for mercy. Maj Horace V. Reeves. Airman 15:9-11 May '71

CATAPULTS

Beyond the tension signal. illus Approach 17:18-22 Aug '71

F-14 launch conditions clarified: OK for new catapults. Armed Forces J 108:20 Jun 7 '71

CATTON, Jack J.

Applying leadership to people problems. (Remarks, Travis AFB, Calif, July 7, 1971) Gen Jack J. Catton. AF Pley Ltr for Comdrs: Sup No. 9:29-31 Sep '71

Catton sizes up Travis (AFB, Calif)--bosses blamed for riot. Tony McHale. AF Times 31:1+ Jun 16 '71

Financial management through the Airlift Service Industrial Fund. Gen Jack J. Catton. por AF Compt 5:back cover+ Nov '71

The Military Airlift Command. por AF Mag 54:72-75 May '71

ROA told of anti-military perils (at National Convention, San Diego, Calif, June 17-19, 1971, by Minute-Man Award winner ADM Charles K. Duncan, and BrigGen Gerald A. Hart elected ROA president). illus AF Times 31:17 Jul 7 '71

Ryan supports Catton on riots. AF Times 31:20 Jun 23 '71

'Special times & special problems.' Gen Jack J. Catton. por Air Reservist 23:8-9 Apr '71

Strategic airlift. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) Gen Jack J. Catton. illus Mil Engr 63:313-314 Sep-Oct '71

CAVALRY

See also
Air Cavalry

Cavalry in Thailand. Maj Philip B. Entrekin. illus Armor 80:20-21 Sep-Oct '71

'This is it! This is the way it was.' Col Glenn I. Epperson, Ret. illus Army 21:45-47 May '71

1st CAVALRY DIVISION (AIRMOBILE)

Aero scout...what's it all about? Capt Matthew M. Serletic. illus USA Avn Dig 17:30-31 Feb '71

Cambodian blitz. Maj Mel Jones. illus Armor 80:21-24 Jan-Feb '71

CELESTIAL NAVIGATION see Navigation, Celestial

CEMETERIES, NATIONAL

National cemeteries idea to get hearing in Senate.
Army 21:53 Aug '71

CENTRAL TREATY ORGANIZATION

The Middle East and the Mediterranean. London's
Institute for Strategic Studies. illus tabs Aerosp
Intl 7:72-82 Dec '71; AF Mag 54:72-82 Dec '71

CENTRIFUGES

'Stress' tested at Wright-Patterson AFB, Ohio). AF
Times 32:40 Sep 15 '71

CEREMONIES, MILITARY *see* Military Ceremonies,
Honors and SalutesCHAFEE, John H.

Emphasis on youth as Navy flag board convenes.
Armed Forces J 108:16-17 May 3 '71

Navy heat chafes Chafee over permissive rulings.
Armed Forces J 108:17 Mar 15 '71

POW treatment: Principles versus propaganda. John
H. Chafee. illus US Nav Inst Proc 97:14-17 Jul '71

CHAISSON, John R.

It will be a different Marine Corps as Chaisson gets
rolling along. Interview. LtGen John R. Chaisson.
por Govt Exec 3:67+ Sep '71

Marine Commandant race wide open. Armed Forces J
109:21 Nov '71

CHAPELS

Alpine haven (chapel in the Bavarian Alps). SP4 Tom
Bailey. illus Army Dig 26:56-58 Apr '71

CHAPLAINS

Ch(Col) (Kalman L.) Levitan accepts ROA honor (as
Chaplain of the Year) for all colleagues (at ROA
Mid-Winter Conference, Washington, Feb 18-19,
1971) illus Officer 47:22 Apr '71

Air Force--U.S.

Be tolerant of the difference. TIG Brief 23:11-12
Aug 27 '71

Col K.L. Levitan, USAF, to receive award as Chap-
lain of Year. Officer 47:4 Feb '71

The commander and the chaplain. (Remarks, USAF
Chaplains' Conference, Randolph AFB, Tex,
Oct 12, 1971) Gen John D. Ryan. AF Plcy Ltr for
Comdrs: Sup No. 12:2-7 Dec '71

Army--U.S.

Chaplains go mobile. illus Soldiers 26:35 Jun '71

Light up your mind. MSgt Jack Holden. illus Army
Dig 26:48-49 Feb '71

CHAPMAN, Leonard F., Jr

Can the Marines be a band of Spartans in the age of
Aquarius? Mel Jones. illus AF Times, Family
sup:6-7+ Nov 3 '71

Chapman: An emphasis on combat readiness, quality,
spirit, and discipline. Gen Leonard F. Chapman,
Jr. por Armed Forces J 108:34-36+ Jan 4 '71

It will be a different Marine Corps as Chaisson gets
rolling along. Interview. LtGen John R. Chaisson.
illus Govt Exec 3:67+ Sep '71

Make it right. Gen Leonard F. Chapman, Jr. illus
MarCor Gaz 55:18-20 Jan '71

CHAPMAN, Leonard F., Jr - Continued

Marines face the future. Gen Leonard F. Chapman,
Jr. por Ordnance 55:522-525 May-Jun '71

Purpose, readiness, quality, progress. (Extracts
from remarks, Navy League Symposium, March 17,
1971) Gen L.F. Chapman, Jr. MarCor Gaz 55:16
Apr '71

CHARACTER GUIDANCE

Light up your mind. MSgt Jack Holden. illus Army
Dig 26:48-49 Feb '71

CHARTER AIR SERVICE *see* Airlines--Nonscheduled
OperationsCHEMICAL-BIOLOGICAL WARFARESee also

Defoliation

CB defense. Regular feature in some issues of
Ordnance

Safety Measures

Technical aspects of biological defense. TIG Brief
23:6 May 7 '71

CHEMICAL RESEARCH

German-U.S. barium-ion cloud experiment. tabs
Space World H-7-91:42-43 Jul '71

CHEMICALS

CS and its use. LtCol Skinner E. Anderson. illus
Mil Rev 51:64-68 Jan '71

Reconnaissance and pollution control. Maj A.D. Pope.
illus tab Tac Air Recon Dig 5:31-33 Feb '71

CHILDREN, MILITARYSee also

Education (Dependents)

Project--CHAP

AF to end grants (national merit scholarships) for
kin. George Foster. AF Times 31:1+ Jun 23 '71

Abandoned child conference held. AF Times 32:27
Aug 18 '71

Bill aids handicapped war orphans. AF Times 31:24
May 19 '71

Bills help kin of war dead--retarded children, preg-
nant widows. AF Times 31:6 Jul 28 '71

CHAP assignment procedure altered. Jim Sample.
AF Times 32:1+ Nov 17 '71

The law and you. AF Times, What divorce proceed-
ings entail. 31:30 Jan 6 '71; Several methods final-
ize divorce. 31:21 Jan 20 '71; Procedure outlined
for adopting child. 31:35 Feb 3 '71; Gambling odds
given. 31:17 Feb 24 '71; Prize winners' often lose.
31:9 Mar 10 '71; Mail order land not for unwary.
31:36 Mar 31 '71; Check carefully when shipping
HH goods. 31:24 Jun 2 '71; How to file HH goods
claim. 31:25 Jun 16 '71; Rights outlined in foreign
trials. 31:22 Jul 7 '71; Alertness needed in use of
credit. 32:59 Aug 18 '71; Car owner liabilities
vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists
detailed rules for marrying an alien. 32:17
Sep 29 '71; Home purchase wrapped up in red tape.
32:15 Nov 3 '71

Mothers allowed to enlist. AF Times 32:15 Sep 1 '71

35 win merit grants: Future programs cloudy. George
Foster. AF Times 31:8 Apr 28 '71

The unmaking of the military 'brat.' Jo Ann Wendt.
illus AF Times, Family sup:6-8+ Dec 15 '71

CHILDREN, MILITARY - Continued

Vietnam syndrome. Kay Piotrkowski. illus Army
21:22-24 Dec '71

CHINAHistory

Chinese military policy in the mid-nineteenth century.
Adrian Preston. Army Qtr 101:206-214 Jan '71

Strategic Importance

Chinese military policy in the mid-nineteenth century.
Adrian Preston. Army Qtr 101:206-214 Jan '71

CHINA (PEOPLE'S REPUBLIC)

The China vote. LtGen Ira C. Eaker, Ret. AF Times
32:13 Nov 24 '71

China's military: A growing political force. Ralph L.
and Helena F. Powell. illus chart AF Mag 54:43-47
Jun '71

Chinese national culture. (Lecture, Naval War Col-
lege, 1971?) Clyde B. Sargent. illus Nav War Col
Rev 23:41-51 May '71

Medical care in rural China. Bruce Esposito. MarCor
Gaz 55:9-11 Jun '71

The military balance in the Indian subcontinent. Ravi
Rikhye. Armed Forces J 108:32-33 Jul 19 '71

The partition of Pakistan: A new balance in the Indian
subcontinent? Ravi Rikhye. Armed Forces J
108:33+ May 17 '71

Foreign Policy

An assessment of Chinese foreign policy. SqLdr
J.J. Evans. illus Hawk No. 31:41-48 Feb '70

A "new" China policy? Eldridge B. Duffee, Jr. illus
US Nav Inst Proc 97:18-23 Jul '71

The overseas Chinese in South-East Asia. Niu Sien-
Chong. illus NATO's Fifteen Nations 16:52-56
Aug-Sep '71

Side effects seen in China policy. LtGen Ira C. Eaker,
Ret. AF Times 32:13 Aug 11 '71

Foreign Relations

China's strategic weakness. Neville Brown. (Revised
from New Middle East, Dec 1970) illus Mil Rev
51:3-9 Nov '71

Asia, Southeastern

Southeast Asia: Issues and prospects. Robert A.
Scalapino. Persp in Def Mgt, pp 21-31, Autumn '71

Japan

Japan's role: A view from the mainland. William
Saywell. (Condensed from International Journal,
Summer 1971) illus map Mil Rev 51:56-66 Nov '71

Russia

Nuclear aspects of the Sino-Soviet confrontation.
A.H.S. Candlin. illus Royal United Svc Instn J
116:45-47+ Mar '71

Power: The crucible of conflict in the Sino-Soviet
dispute. Maj Harry G. Summers, Jr. illus maps
Mil Rev 51:56-66 Mar '71

The Sino-Soviet dispute. Col A.C. Smith. MarCor Gaz
55:47-48 Mar '71

The Ussuri River incident as a factor in Chinese
foreign policy. Col Donald M. Marks. illus AU
Rev 22:53-63 Jul-Aug '71

CHINA (PEOPLE'S REPUBLIC) - ContinuedForeign Relations - Cont'dUnited States

A "new" China policy? Eldridge B. Duffee, Jr. illus
US Nav Inst Proc 97:18-23 Jul '71

Politics and Government

China: The Army, the Party, and the people. A.H.S.
Candlin. (Condensed from Royal United Service
Institution Journal, Sep 1970) illus Mil Rev 51:
24-32 Feb '71

CHINA (REPUBLIC)Description and Travel

Happy Mountain (Lo Chan, Taiwan). Pictorial. Lt
Jerry Dean. illus Airman 15:21-25 Mar '71

Foreign Policy

The overseas Chinese in South-East Asia. Niu Sien-
Chong. illus NATO's Fifteen Nations 16:52-56
Aug-Sep '71

CIPHERS see Cryptography

CITIES AND TOWNS

City fighting: Old doctrine, new techniques. Capt
Grady A. Smith. illus Infantry 61:28-31 May-
Jun '71

The urban guerrilla. Enrique Martinez Codo. illus
Mil Rev 51:3-10 Aug '71

Urban guerrilla warfare: Scenarios for the 1970's.
Walter Darnell Jacobs. illus NATO's Fifteen
Nations 16:62-68 Aug-Sep '71

Latin America

Urban insurgency in Latin America--its implications
for the future. Charles A. Russell and Maj Robert
E. Hildner. illus AU Rev 22:54-64 Sep-Oct '71

United StatesSee also

Urban Mass Transportation Act of 1970

Cutbacks--affected cities ask aid. illus Govt Exec
3:10+ Feb '71

Detroit: A city of hope and action. Scot MacDonald.
illus Govt Exec 3:22+ Mar '71

Environmental engineering at Libby Dam. Robert J.
Ayers and Phillip L. Cole. illus Mil Engr 63:193-
195 May-Jun '71

HUD steps up realignment of programs. Samuel
Stafford. illus Govt Exec 3:50+ Mar '71

New cities needed. Bill Olcheski. AF Times 31:13
Apr 7 '71

Space City, U.S.A. Houston: Progress, power and
some Texas-size headaches. Samuel Stafford. illus
Govt Exec 3:42-43+ Nov '71

Urban mass transit: A multi-billion dollar investment.
Interview. Carlos Villarreal. Govt Exec 3:31-33
Jun '71

CITIZENSHIP

IRS gives ruling on overseas child. AF Times 31:18
Mar 3 '71

CIVIC ACTION PROGRAMSee also

Domestic Action Program

CIVIL ACTION PROGRAM - Continued

- CORDS (Civil Operations and Rural Development Support): Key to Vietnamization. MSgt Raymond Davis. illus Soldiers 26:31-34 Jul '71
- Civic action in Micronesia. LCDR William M. Bass, Jr. illus map Mil Engr 63:98-99 Mar-Apr '71
- Crates become homes. AF Times 31:16 Jan 13 '71
- How many civilians did you kill today? LtCol Bernard Loeffke. illus tab MarCor Gaz 55:12-13 Aug '71
- Medical care in rural China. Bruce Esposito. MarCor Gaz 55:9-11 Jun '71
- Military aid to the civil community. SqLd. R. C. Allerton. illus Hawk No. 32:57-63 Feb '71
- A new kind of Air Force civil engineering. Capt Marcus B. Moses. illus AF Civil Engr 12:16-18 Aug '71
- Nurse (2dLt Thomas D. Brisco) writes book to replace MEDCAP (MEDical Civic Action Program). AF Times 31:16 Jan 13 '71
- Porkers bring home the bacon. SP5 Frank Plonska. illus Army Dig 26:45 Jan '71
- Small teams, big results (Disaster Assistance Relief Team--DART). PFC Dennis Chapman. illus Soldiers 26:47-48 Aug '71
- 319th (Special Operations Sq) battles bugs--multiple mission outfit. illus AF Times 32:30 Oct 6 '71
- The spirit shared. (Air Force projects in Vietnam and Taiwan) MSgt Peter F. Round and Sgt Dave Cole. illus Airman 15:2-5 Dec '71
- Task force: "Golden Hawk." SP4 Tony DeStafano. illus USA Avn Dig 17:32-34 Apr '71
- Train not treat. SP5 Stan Grayson. illus Army Dig 26:61 Jan '71
- The U.S. Army and foreign national development. Col Irving Heymont, Ret. illus Mil Rev 51:17-23 Nov '71

CIVIL AERONAUTICS BOARD

- Bargain flights backed. AF Times 31:2 Feb 17 '71
- Bargain flights in peril. Bob Schweitz. AF Times 32:2 Sep 29 '71
- CAB deals military 2 defeats. AF Times 31:2 Feb 3 '71
- Chairman (Secor D.) Browne of the CAB. illus Interavia 26:782 Jul '71
- Coach fares upped. AF Times 31:2 Mar 24 '71
- DOD fights (CAB's) charter bar. AF Times 32:5 Nov 3 '71
- Hearing ponders military charters. AF Times 32:48 Dec 8 '71
- House Committee supports overseas charters system. AF Times 32:5 Dec 15 '71
- New CAB rules jeopardize military charter flights. James D. Hessman. Armed Forces J 109:12-13 Oct '71
- New U.S. domestic fare guidelines. Interavia 26:658 Jun '71
- Reasons for the crisis--state of the airline industry. Charles C. Tillinghast, Jr. illus Interavia 26:1249 1250 Nov '71
- Reduced air fare rapped. AF Times 32:8 Nov 24 '71
- U.S. fare raise set by airlines. AF Times 31:44 May 5 '71

CIVIL AIR PATROL

- The many who care. illus Interceptor 13:8-11 Feb '71

United States

- 24 lives saved by CAP in 1971. AF Times 31:49 Mar 10 '71

CIVIL DEFENSEUnited States

- Alarm and apathy: The false alert. Armed Forces J 108:9 Mar 1 '71
- Army acts to halt repeats of emergency broadcast failure. Armed Forces J 108:13 Apr 19 '71
- Partners in protecting people. John E. Davis. illus Def Trans J 27:38-41 Sep-Oct '71
- Partnership in disaster preparedness. John E. Davis. illus Def Ind Bul 7:10-11 Winter '71

CIVIL ENGINEERING

- The architectural manager. Capt Leo H. Robinson. AF Civil Engr 12:8 Feb '71
- "Building blocks" for a productive QC&E (Quality Control and Evaluation) program. Capt Norbert A. O'Hare and Capt William L. O'Dell, Jr. illus AF Civil Engr 12:10-12 Feb '71
- Contingency planning: A look to the future. Maj Richard J. Bergholz. illus AF Civil Engr 12:18-20 Nov '71
- The Directorate of Civil Engineering, Hq, U.S. Air Force. illus Mil Engr 63:319-320 Sep-Oct '71
- The focus is on contingency planning. TIG Brief 23:20-21 Sep 24 '71
- The focus is on contingency planning. Maj Hermann F. Engelbach, Jr and Capt Peter LoPresti. illus AF Civil Engr 12:12-13 Aug '71
- Objective--maintenance. George R. Hayes. illus AF Civil Engr 12:2-5 May '71
- Prime BEEF program. Maj Ralph L. Hodge and Capt William T. Heller. illus USAF Instrs J 9:63-68 Fall '71
- Protecting the environment--the Air Force role. Interview. BrigGen M.R. Reilly. illus Airman 15:4-8 Jan '71
- R&D Air Force civil engineering. Capt Edmund R. Hobbs. illus Mil Rev 63:396-397 Nov-Dec '71
- Real property maintenance and management of civil engineering resources. TIG Brief 23:9 Aug 27 '71
- Resource management in Base Civil Engineering work centers. Maj Ray D. Schwartz. illus AF Civil Engr 12:6-7 May '71
- Self-help--a way of life at Lockbourne AFB (Ohio). W. F. Herbert. illus AF Civil Engr 12:10-12 Aug '71
- The Standard Base Civil Engineer Management Review Program (SBCEMRP). TIG Brief 23:4 Mar 26 '71
- Standard base engineering position descriptions--a program for the future. William W. Payne. illus AF Civil Engr 12:26-28 Nov '71
- TV inspection and chemical grouting of sanitary sewer lines. Bruce C. Gandy. illus AF Civil Engr 12:6-7 Feb '71
- Technician slots OK'd for recruiters, civil engineers. Natl Guardsman 25:14 Jun '71

CIVIL ENGINEERING - Continued

Three keys to base civil engineering productivity.
BrigGen Archie S. Mayes. illus AF Civil Engr
12:14-15 Aug '71

EquipmentMaintenance and Repair

Equipment maintenance: Today (and) tomorrow. Maj
Robert L. Allen and Arnold Buck. illus AF Civil
Engr 12:14-16 Feb '71

Support services for vehicular equipment. SMSgt
Louis E. Godby. illus AF Civil Engr 12:13+
Feb '71

Study and Teaching

The civil engineer--intern program at AFLC. John
F. Maiorano. illus AF Civil Engr 12:16-17 May '71

Course (at AFIT's Civil Engineering School) shows
how to control pollution. AF Times 31:50 Jul 7 '71

The professional (development) degree program (for
engineers offered at University of Wisconsin).
Eugene E. Peer. illus AF Civil Engr 12:2-5 Nov '71

CIVIL RESERVE AIR FLEET

Airlines aim flak at cargo flights. Bruce Callander.
AF Times 32:13 Dec 8 '71

A look at airlift in the mid-'70s: Services will face
problems. George Weiss. illus tabs Armed
Forces J 108:28-31 Apr 5 '71

The military-civilian airlift partnership. MajGen
Maurice F. Casey. illus Translog 2:2-5 Mar '71

CIVIL RIGHTS

The boundaries of the warrantless search. Capt
Don G. Holladay. illus AF JAG L Rev 13:44-49
Winter '71

Ervin charges 'danger' in spying on civilians. AF
Times 31:3 Mar 10 '71

International law and basic human rights. (Lecture,
Naval War College, 1971?) Rita E. Hauser. illus
Nav War Col Rev 23:51-58 Jun '71

CIVIL SERVICESee also

Civilian Employees

Civil Service Commission's (Robert) Hampton aims
at achieving agency "responsiveness." Samuel
Stafford. illus Govt Exec 3:25-27+ Feb '71

Dual comp may change--many hurdles in the way.
AF Times 31:3 Feb 24 '71

Ex-military facing Civil Service probe. AF Times
31:5 Jul 21 '71

Federal Executive Service: "Where you stand depends
on where you sit." Calvert Simmons. Govt Exec 3:
26-27 Aug '71

Justice sought for Guard's technicians. Natl Guards-
man 25:28 Nov '71

Retiree hiring faces probe. Ed Gates. AF Times
31:13 Jul 21 '71

CIVIL SUPREMACY OVER THE MILITARY see Military-
Civil Relations

CIVIL WAR--U.S.

Audacity takes command. Maj Gerald P. Stadler. illus
Soldiers 26:27-29 Oct '71

Dr Mary Walker took it with her--only woman to re-
ceive the Medal of Honor. Philip R. Smith, Jr.
illus Soldiers 26: inside front cover Aug '71

CIVIL WAR--U.S. - Continued

The first FO (BrigGen Albert J. Myer). 1stLt Dale E.
Williams. illus map Fld Artilleryman, pp 39-42,
Aug '71

From Libby (Prison, Richmond, Va) to liberty.
A. Porter S. Sweet. illus (Also cutaway) Mil
Rev 51:63-70 Apr '71

CIVILIAN EMPLOYEESSee also

Reduction in Force

Air Force--U.S.

(AF) civilian strength drops to 318,000. AF Times
31:19 Apr 21 '71

The central civilian personnel office. TIG Brief
23:20 Dec 3 '71

Civilian employment restrictions. TIG Brief 23:11-12
Nov 19 '71

Disciplinary reduction in rank of civilian employees.
TIG Brief 23:2 Dec 31 '71

Discipline and adverse actions--civilian person-
nel. TIG Brief 23:9-10 Sep 24 '71

Employee responsibility and conduct. TIG Brief
23:13 Oct 8 '71

Filling civilian positions. TIG Brief 23:10 Feb 12 '71

Filling high-grade civilian positions. TIG Brief 23:3
May 7 '71

Labor-management relations in the Air Force. Col
Joseph E. Hearn. illus AU Rev 22:27-33 Jan-
Feb '71

Labor-management relations in the Air Force. Maj
Bernard Wray. illus AF JAG L Rev 13:12-29
Winter '71

Manager training and development. TIG Brief 23:14
Oct 8 '71

More bases to get civilian KPs. Tony McHale. AF
Times 32:1+ Aug 18 '71

Punishment guide (AFR 40-750) issued for AF civil-
ians. AF Times 32:40 Oct 13 '71

Reporting on defense-related employment. TIG Brief
23:19-20 Sep 24 '71

Standard base engineering position descriptions--a
program for the future. William W. Payne. illus
AF Civil Engr 12:26-28 Nov '71

10,745 youth jobs set--few for AF kin. Tony McHale.
AF Times 31:1+ Apr 21 '71

Armed Forces--U.S.

Military vs civilian allowances--who gets more?
Maj Billy E. Iseman. illus tabs AF Compt
5:24-27 Nov '71

Army--U.S.

Study plans to switch KP duties to civilians. Officer
47:25 Feb '71

Defense Dept--U.S.

Central Automated Inventory and Referral System
(CAIRS). TIG Brief 23:5 Nov 5 '71

Control of grade escalation--civilian employees.
TIG Brief 23:2 Oct 22 '71

CIVILIAN EMPLOYEES - ContinuedDefense Dept--U.S. - Cont'd

Five (J. Arthur Boykin, Jr, AF; Don R. Brazier, OSD; Wilbur B. Payne, Army; William C. Valdes, OSD; and Milton S. Zaslow, National Security Agency) receive Distinguished Civilian Service Awards. illus Armed Forces J 108:13 Jun 21 '71

House-hunting help given to civilians. AF Times 31:4 Mar 31 '71

Intelligence gets civilian control. AF Times 31:33 Mar 10 '71

Perspectives on reduction-in-force. William C. Valdes. illus tab Def Mgt J 7:3-8 Spring '71

75 percent slash ordered in civilian hiring level. Court Gifford. AF Times 32:21 Dec 1 '71

United States

Alcohol abuse program covering federal civilian employees goes into effect 1 December 1971. TIG Brief 23:11 Nov 19 '71

Civil Service Commission's (Robert) Hampton aims at achieving agency "responsiveness." Samuel Stafford. illus Govt Exec 3:25-27+ Feb '71

Federal Executive Service: "Where you stand depends on where you sit." Calvert Simmons. Govt Exec 3: 26-27 Aug '71

Improving labor-management relations in government. A. Di Pasquale. illus Def Mgt J 6:19-22 Feb '71

Oversea sites limit 'sky marshal' tests. AF Times 31:4 Jan 6 '71

Salaries and Wages

Blue-collar raise plan starts flap. AF Times 32:5 Aug 18 '71

'Civilian pay' proposed--plan asks CSC rates for military. Bob Horowitz. tab AF Times 31:1+ Mar 17 '71

Jan \$ hike nears vote--size unknown. Bob Horowitz. AF Times 32:1+ Oct 13 '71

Jan 1 raise endangered--Nixon to decide. AF Times 32:1+ Aug 25 '71

Jan raise prospects improving. Bob Horowitz. AF Times 32:1+ Dec 15 '71

January 1 pay hike snagged again. Bob Horowitz. AF Times 32:1+ Dec 22 '71

Laird pledges raises in '72. AF Times 31:1+ Jan 6 '71

'71 raise alive; '72 set back. Ed Gates. AF Times 32:1+ Sep 15 '71

Nixon gets pay bill. AF Times 31:1+ Jan 13 '71

No Jan hike; BAQ awaited. Bob Horowitz. AF Times 32:1+ Nov 17 '71

President signs pay legislation, annual increases in future. James D. Hessman. Armed Forces J 108: 9-10 Jan 18 '71

Raise hangs on Nixon--7.21 percent increase due Jan 1. Bob Horowitz. tab AF Times 32:1+ Dec 29 '71

Senate votes new hike--big boost for lieutenants. Bob Horowitz. AF Times 32:1+ Oct 20 '71

7.9% pay raise signed--January 29 checks to reflect increase. AF Times 31:1+ Jan 20 '71

CIVILIAN EMPLOYEES - ContinuedUnited States - Cont'dStatistics

Stars vs supergrades: Who's ahead? Brooke Nihart. Armed Forces J 108:10 Aug '71

CIVILIAN HEALTH AND MEDICAL PROGRAM OF THE UNIFORMED SERVICES see MedicareCLAIMSSee also

Court of Claims
Liability

Commie captives collect. AF Times 31:19 Apr 14 '71

Concealed damage in property shipments by common carriers. TIG Brief 23:15-16 Aug 6 '71

DISREPS = Discrepancy In Shipment REPorting System (points and pointers). John C. Howard. illus Translog 2:19-22 Aug '71

New claims channels decentralize processing. AF Times 31:21 Feb 3 '71

Processing claims through command channels. TIG Brief 23:16 Jun 18 '71

CLARK, Albert P.

Motivation--a challenge to leadership. (Address, 1970 Homecoming Banquet, USAFA Assoc of Graduates, Colorado Springs, Oct 10, 1970) LtGen A. P. Clark. AF Plcy Ltr for Comdrs: Sup No. 1:3-10 Jan '71

United States Air Force Academy. por AF Mag 54: 119-122 May '71

CLARK, John F.

The space program--pro and con. (Address, Theoretical Ionospheric Models Conference, Pennsylvania State University, 1971) John Clark. Space World H-12-96:32-35 Dec '71

CLARK, Joseph J.

Navy Sundowner par excellence (ADM Ernest J. King). ADM J. J. Clark, Ret. illus US Nav Inst Proc 97: 54-59 Jun '71

CLARK, Mark W.

(Gen) Mark Clark and the war in Italy. LtCol Martin Blumenson and James L. Stokesbury. por Army 21:49-52 May '71

CLARKE, Bruce C.

Peer discipline is strong force. Gen Bruce C. Clarke, Ret. Army 21:9 Sep '71

Some thoughts on the modern volunteer Army. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Gen Bruce C. Clarke, Ret. por Armor 80:31-34 Jul-Aug '71

Will you wait for it? Or will you go get it? Gen Bruce C. Clarke, Ret. Armor 80:12-13 Jan-Feb '71

CLASSIFICATION see Personnel Classification; Security ClassificationCLAUSEWITZ, Karl von

The Battle of Britain and the principles of war. Alan L. Gropman. illus Aerosp Hist 18:138-144 Sep '71

Lenin as disciple of Clausewitz. Donald E. Davis and Walter S. G. Kohn. por Mil Rev 51:49-55 Sep '71

CLAUSEWITZ, Karl von - Continued

On Clausewitz. LtCol A.J. Trythall. Army Qtr 101: 307-313 Apr '71

CLAY, Lucius D., Jr

Clay to command PACAF; Lavelle gets top SEA job (and other star retirements and reassignments announced). AF Times 31:3 May 19 '71

Nazzaro retires as PACAF chief (and Gen Lucius D. Clay, Jr will replace him). por AF Times 31:21 Jul 28 '71

CLOCKS AND WATCHES see Time MeasurementCLOSE AIR SUPPORT

Army reports helicopter success in Laos, Air Force skeptical. Brooke Nihart. Armed Forces J 108:24+ Apr 5 '71

Bum dope ("Report on Close Air Support Aircraft: The A-X, Harrier, and Cheyenne") and a stacked deck on close air support. Benjamin F. Schemmer. Armed Forces J 109:39-40 Oct '71

Close air support for the U.S. Armed Forces. illus Intl Def Rev 4:433 Oct '71

Close air support study report due. Armed Forces J 108:18 Jun 21 '71

Each U.S. Service has its own views on close air support. illus Interavia 26:1034 Sep '71

Fairchild-Hiller, Northrop to build A-X prototypes. illus Armed Forces J 108:17 Jan 4 '71

First Harriers delivered to Marines. Armed Forces J 108:17+ Jan 18 '71

Harrier in the U.S. Marine Corps. illus Interavia 26:1035-1036 Sep '71; Intl Def Rev 4:434-435 Oct '71

Helicopter or fixed wing? Both! Col Noah C. New. illus MarCor Gaz 55:25-30 May '71

Joint maritime operations and training in the 1970s. VAdm Ian McGeoch. illus Royal United Svc Instn J 115:11-18 Dec '70

The low altitude SAM threat. Capt Merle L. Crabb. tab MarCor Gaz 55:48-49 Feb '71

Packard (Close Air Support) Review Group: Roles and missions to remain untouched, aircraft systems to be scrutinized. Brooke Nihart. tab Armed Forces J 108:20+ Apr 19 '71

Packard personally heads new group to resolve inter-Service close support. Benjamin F. Schemmer. Armed Forces J 108:19 Mar 15 '71

Remotely piloted aircraft: Not drones--a pilot flies them, low cost, higher performance against heavily defended targets. George Weiss. illus Armed Forces J 108:22-24+ May 17 '71

Semper primus (always first: Pathfinder paratroopers). Capt Michael A. Nelson. illus USA Avn Dig 17:6-8 Sep '71

TAC Air: Present and future lessons, problems, and needs. George Weiss. illus Armed Forces J 109: 30-35 Sep '71

Up from the ground or down from the sky? Cheyenne vs AX. Eric C. Ludvigsen. illus Army 21:49-51 Jul '71

History

Army/Air co-operation, 1939-1943. LtCol C.E. Carrington. illus Royal United Svc Instn J 115: 37-41 Dec '70

CLOTHING see

Clothing, Protective
Personal Equipment

Space Clothing
Uniforms

CLOTHING, PROTECTIVESee also

Helmets
Pressure Suits

Cold weather gear. Capt Karl T. Thurber, Jr. Combat Crew 22:14-15 Dec '71

Development of practical high-intensity thermal protection systems. A.M. Stoll and others. illus tabs Aerosp Med 42:54-58 Jan '71

Head cooling in work and heat stress. Sarah A. Nunneley and others. illus tab Aerosp Med 42: 64-68 Jan '71

McChord (AFB), Fort Lewis (Wash) put crews in cold water. AF Times 32:40 Sep 22 '71

Manhood vs safety. Chaytor Mason. illus Approach 16:20-22 Jun '71

Test proves a scorcher--fire apparel studied. illus AF Times 32:40 Sep 1 '71

Ventilated wet suit. Lionel Weinstock. illus Approach 17:10-14 Nov '71

CLOUDS

German-U.S. barium-ion cloud experiment. tabs Space World H-7-91:42-43 Jul '71

Rainmakers work on 'dry' clouds. AF Times 32:53 Dec 15 '71

Sow a seed of science. (Cloud seeding by Air Weather Service) Capt John E. Cranfill and Sgt Dave Cole illus Airman 15:2-6 Nov '71

CLUBSSee also

Aero Clubs
Officers Clubs
Servicemen's Clubs

Blue-collar raise plan starts flap. AF Times 32:5 Aug 18 '71

Central buying for Viet clubs saving money. AF Times 31:20 Jun 9 '71

Clubs, exchanges face Defense study. AF Times 32:4 Aug 25 '71

DOD seeks raises for club work. Bob Schweitz. AF Times 31:1+ Jun 2 '71

Exchange, club payoffs probed. Bob Horowitz. AF Times 31:1+ Feb 24 '71

Management teams' use to advise clubs clarified. AF Times 31:47 Jun 16 '71

The Ribicoff inquiry. Edward J. Michelson. illus Review 50:43+ May-Jun '71

Senate orders crackdown on military club/PX system. Armed Forces J 109:12+ Dec '71

'Undue influence' vendors. Armed Forces J 108:19-20 Jun 7 '71

COAST GUARD

Asylum denied: The Vigilant incident. (Research paper, School of Naval Warfare, 1971) Col Clyde R. Mann. illus Nav War Col Rev 23:4-31 May '71

Bender: A diversified range of global responsibilities. ADM Chester R. Bender. illus Armed Forces J 108:37-39+ Jan 4 '71

COAST GUARD - Continued

- Castro's Berlin Wall--Coast Guard Cuban Patrol helps refugees who will not be stopped. H. R. Kaplan. illus map Sea Power 14:14-20 Nov '71
- Coast Guard monitors Loran. AF Times 31:36 Jun 2 '71
- Coast Guard officers allowed to resign. Armed Forces J 108:14 Jan 4 '71
- Funding increased for engineers, VA, Coast Guard, and Mar(itime) Ad(ministration). Armed Forces J 108:36-37+ Feb 15 '71
- International Ice Patrol--heritage of the Titanic. H. R. Kaplan. illus Review 51:10-12+ Jul-Aug '71
- Legal aspects of the refusal of asylum by U.S. Coast Guard on 23 November 1970. Louis F. E. Goldie. illus Nav War Col Rev 23:32-40 May '71
- Merchant Marine licenses: Tickets worth having. CAPT William B. Hayler, Ret. illus US Nav Inst Proc 97:53-56 Jul '71
- (New icebreaker for Coast Guard) Govt Exec 3:30 Dec '71
- Revolutionary lifesaving concept offers unequalled chance for survival in sea disaster. LCDR Jim F. Hunt. illus Navy 14:23 Jan '71
- Safe transportation: Our goal for hazardous materials. RADM William F. Rea III. illus Def Trans J 27:28-31 Mar-Apr '71
- United States Coast Guard: Expanded role in environmental protection. Interview. ADM Chester R. Bender. illus Def Trans J 27:42-46 Sep-Oct '71
- U. S. Coast Guard: Sister service--brother's keeper. illus map Interceptor 13:10-14 May '71
- U. S. Government transport agencies. illus charts Def Trans J 27:23-45 Nov-Dec '71

COAST GUARD ACADEMY, NEW LONDON, CONN

- The U. S. Coast Guard Academy. Pictorial. US Nav Inst Proc 97:60-73 Jun '71

COCKPITS see Airplanes--Cockpits; Airplanes, Military--CockpitsCODES see CryptographyCODY, Joseph J., Jr

- The changing emphasis on reliability. (Address, Institute of Electrical and Electronic Engineers Symposium, Lynfield, Mass, April 29, 1971) MajGen Joseph J. Cody, Jr. AF Ploy Ltr for Comdrs: Sup No. 7:15-19 Jul '71
- Information systems--a contributor to modern man. (Address, AFCEA, Washington, June 8, 1970) BrigGen Lee M. Pashcall for MajGen Joseph J. Cody, Jr) Signal 25:46-47 Aug '71

COEXISTENCE see International RelationsCOIN AIRCRAFTCombat Evaluation

- Burn dope ("Report on Close Air Support Aircraft: The A-X, Harrier, and Cheyenne") and a stacked deck on close air support. Benjamin F. Schemmer. Armed Forces J 109:39-40 Oct '71

COLD--PHYSIOLOGICAL EFFECTS

- B'r'r'r'r'r'r sense. Maj Chester Goolrick. illus USA Avn Dig 17:47-61 Oct '71

COLD--PHYSIOLOGICAL EFFECTS - Continued

- A candle and a plan. Maj Samuel A. Munch, Jr. illus tab Combat Crew 22:4-7 Nov '71
- Effect of acclimatization to altitude and cold on basal heart rate, blood pressure, respiration and breath-holding in man. C. S. Nair and others. illus tabs Aerosp Med 42:851-855 Aug '71
- Effect of altitude acclimatization and cold on cold pressor response in man. C. S. Nair and others. illus tabs Aerosp Med 42:991-994 Sep '71
- Effect of altitude and cold acclimatization on the basal metabolism in man. C. S. Nair and others. illus tabs Aerosp Med 42:1056-1059 Oct '71

COLD WEATHER OPERATIONS

- Alaska's Husky Brigade (171st Light Infantry Brigade)--guarding the northern frontier. LtCol Robert L. Bechdolt, Jr. illus Infantry 61:6-9 Nov-Dec '71
- B'r'r'r'r'r'r sense. Maj Chester Goolrick. illus USA Avn Dig 17:47-61 Oct '71
- A candle and a plan. Maj Samuel A. Munch, Jr. illus tab Combat Crew 22:4-7 Nov '71
- Cold weather chopper topics. Maj Owen A. Heeter. illus Mac Flyer 18:4-7 Oct '71
- Cold weather gear. Capt Karl T. Thurber, Jr. Combat Crew 22:14-15 Dec '71
- Cozy in their caves. illus Natl Guardsman 25:26 Jun '71
- No whisky in my ice. (Exercise "Hardfall IV") Pete Brown. illus Air Pict 32:126-127 Apr '70
- Operation Deep Freeze--MAC flies 500 to Antarctic site. AF Times 32:48 Dec 1 '71
- Six-day drill in land of six-month night. illus Natl Guardsman 25:17-19 Jan '71
- Suddenly it's winter--helicopter in the cold. Aerosp Safety 27:12-13 Dec '71
- The wild and white campus--all-volunteer staff teaches survival (at Fairchild AFB, Wash). Jim Sample. illus AF Times 31:16 Apr 7 '71
- Winter operations. TIG Brief 23:18 Jan 15 '71
- Winter weather briefing. Capt John S. Bohlson and 1stLt Larry N. Baker. illus Combat Crew 22:8-9 Oct '71

Study and Teaching

- A matter of survival. (Exercise Winter Wind '71) illus Natl Guardsman 25:18-19 May '71

COLE, Earl F.

- Busted general denies corruption--Viet Exchange, club probe. AF Times 31:3 Mar 24 '71
- Probe of club corruption ends--busted general stands off senators. AF Times 31:17 Mar 31 '71

COLLINS, Michael

- Spaceman to head (National Air and Space) Museum (of the Smithsonian Institution). AF Times 31:33 Mar 10 '71

COLLISIONS AT SEA

- The Andrea Doria-Stockholm disaster: Accidents don't happen. John C. Carrothers. illus US Nav Inst Proc 97:26-32 Aug '71

COLONIES

Commercial aviation and the colonization of the Equatorial islands, 1934-1936. Francis X. Holbrook. illus Aerosp Hist 17:144-149 Dec '70

COLOR--MILITARY APPLICATIONS

Chromatic climatology comprehension. Maj Richard L. Wing. MAC Flyer 18:24-27 Jul '71

COMBAT

Continuity of cooperation. Col I. Vorobyov. illus Soviet Mil Rev No. 3:9-12 Mar '71

The final protective line. Hugo E. Mayer, Jr. illus tabs MarCor Gaz 55:18-25 Dec '71

In a complicated situation--battalion CO's actions in an advance detachment. MajGen A. Zyryanov. map Soviet Mil Rev No. 4:19-21 Apr '71

In the wake of battle formations. LtCol A. Parshin. illus Soviet Mil Rev No. 1:21-23 Jan '71

Testing

Army triple threat division (TRICAP--TRiple CAPability) test at Ft Hood (Tex). Brooke Nihart. illus Armed Forces J 108:30-31+ May 3 '71

COMBAT CONTROL CENTERS

This term is used to include organizations whose missions are like: Tactical Air Control Centers, Tactical Control Centers, Combat Operations Centers, Combat Information Centers.

TACFIRE, Capt William W. Beverley. tab illus Fld Artilleryman, pp 24-35, Aug '71

COMBAT EVALUATION

See also subdivision under specific subjects,

e.g.,

Airplanes, Fighter--Combat Evaluation
COIN Aircraft--Combat Evaluation
Helicopters, Military--Combat Evaluation
Weapon Systems--Combat Evaluation

CEG (Combat Evaluation Group) is coming. Col Alvin E. Prothero and Capt Edward J. Burke. illus Combat Crew 22:12-15 Mar '71

COMBAT INFORMATION see Intelligence, Military

COMBAT PAY see Special Duty Pay

COMBAT READINESS

See also

Operational Readiness

Active Army, Guard and Reserve make Roundout a success. LtCol William V. Kennedy. illus Armor 80:18-24 Nov-Dec '71

A commander's concept of training. Col N. A. Canzona. illus MarCor Gaz 55:16-22 Mar '71

Fighting for every second. Maj A. Derevyanko. illus Soviet Mil Rev No. 2:12-13 Feb '71

Fit to fight. SP4 Tom Bailey. illus Army Dig 26:12-19 Feb '71

A hard look at U.S. Air Reserve Forces. (Report on Air Reserve Forces Seminar, AFA Convention, Washington, Sep 22, 1971) Patricia R. Muncy. illus AF Mag 54:76-82 Nov '71

High Desert mock war no measure of Reserve readiness. Col Jeremiah O'Leary. illus MarCor Gaz 55:42-44 Jan '71

Human relations and Air Force readiness. (Remarks, Air Force Sergeants Assoc, Washington, Aug 31, 1971) Gen John C. Meyer. AF Picy Ltr for Comdrs: Sup No. 10:6-11 Oct '71

COMBAT READINESS - Continued

Impact of the Total Force Concept (TFC) on Air Reserve Forces. TIG Brief 23:2 Sep 24 '71

No notice inspections--the key to excellence. TIG Brief 23:3-4 May 21 '71

The one Army team. LtGen W. R. Peers. illus USA Avn Dig 17:1-3 Jul '71

Reserve retention vs readiness. Capt George W. Ayers. illus MarCor Gaz 55:36-38 Jun '71

Turbulence and Army readiness. Lloyd Norman. illus Army 21:10-14 Jul '71

Study and Teaching

CCT (Combat Crew Training) in the ANG. Cpts Barron D. Gray, Jr and Gary R. Walston. illus USAF Instrs J 9:69-72 Fall '71

Combat preparedness training (for security police). Capt Kenneth E. Messick. illus USAF Instrs J 9:51-55 Fall '71

Don't forget the defense. Capt Lawrence D. Galehouse. illus Infantry 61:36-38 Nov-Dec '71

Dynamic training for rifle squads. Col John L. Osteen, Jr. illus Infantry 61:32-33 Nov-Dec '71

The need for combat simulation. LtCol R. E. Loeche. illus MarCor Gaz 55:18-27 Oct '71

A 'ready now' force. 1stLt Luther L. Walker. illus Natl Guardsman 25:2-8 Dec '71

Special Forces handle multiple missions--guerrilla warfare, civic action, Army Training Tests. SP4 Earle Holland. illus Natl Guardsman 25:16-17+ Dec '71

Teamwork--the key. Capt Stephen R. Haney. illus Infantry 61:34-36 Nov-Dec '71

COMBAT SURVEILLANCE see SurveillanceCOMBINED FORCES

This term applies to the forces among two or more allied countries. For information on forces of one country only see Joint Forces.

See also

North American Air Defense Command

COMBINED OPERATIONS

This term applies to operations among two or more allied countries. For operations of one country only see Joint Operations.

See also specific exercises and/or operation by name

Army Guardsmen make big leap into exotic types of training. Natl Guardsman 25:20+ Jul '71

Backing the ARVN in Lam Son 719--(Operation) Dewey Canyon II. illus Army 21:116-117 Oct '71

Big Click 70. illus Tac Air Recon Dig 5:4-6 Feb '71

Brotherhood-in-Arms (joint exercises held by troops of Warsaw Treaty countries). Col S. Alyoshin. illus Soviet Mil Rev No. 1:2-5+ Jan '71

Coalition warfare: A successful experiment in combined command, 1914-1918. LtCol James B. Agnew. illus charts Parameters 1:50-64 Spring '71

Combined operations. LtCol A. E. Andersen. illus MarCor Gaz 55:29-31 Oct '71

Crews wind up Korea Exercise (Freedom Vault). AF Times 31:8 Mar 17 '71

COMBINED OPERATIONS - Continued

- Deep Express 70--collective security in action. (Exercise involving 8 NATO nations, Oct 10-22, 1970) Col William A. Brant and Maj Alan Lisle. illus NATO's Fifteen Nations 16:49-56 Jun-Jul '71
- Exercise "Follicle"--joint training of airborne forces from Britain and Italy. WgComdr D. L. Eley. illus Royal Air Forces Qtr 11:1-6 Spring '71
- Guardsmen, West Germans, swap places. Capt Donald K. Buckman. illus Natl Guardsman 25:18-19+ Dec '71
- Maine gunners train in Canada. illus Natl Guardsman 25:10-11 Oct '71
- No whisky in my ice. (Exercise "Hardfall IV") Pete Brown. illus Air Pict 32:126-127 Apr '70
- No. 664 Squadron on Exercise (Broken Flush) in Norway. Pete Brown. illus Air Pict 33:18 Jan '71
- RAF 2 Sq wins Big Click 70. illus Tac Air Recon Dig 5:34-37 Feb '71

History

- Braddock's defeat. LtCol Justus M. M. Lenschau, Jr. illus map Mil Rev 51:30-40 Nov '71

COMETS

- A digest of comets. M. J. Kendrie. illus tabs Space-flight 13:140-145 Apr '71

COMMANDSee also
Leadership

- AWOL. Capt Fenley D. Stafford, Jr. illus Infantry 61:38-41 Jul-Aug '71
- Ask the subordinate commander. LtCol Charles D. Bussey. Infantry 61:12-13 Sep-Oct '71
- Authority: The weakened link. LCDR Bill Clark Dean. illus US Nav Inst Proc 97:48-52 Jul '71
- Command--a specialist career field? Capt James L. Hickman. Armor 80:53-55 Jan-Feb '71
- Command leadership and the black serviceman. L. Howard Bennett. illus US Nav Inst Proc 97:42-47 Apr '71
- Commander carries out on-the-ground reconnaissance. Col V. Savelyev. illus Soviet Mil Rev No. 3: 13-15 Mar '71
- Commander's initiative and creative approach. Col L. Korzun. illus Soviet Mil Rev No. 6:12-14 Jun '71
- Demands on troop control. MajGen Y. Novikov. illus Soviet Mil Rev No. 1:12-14 Jan '71
- Evaluation function of the flight management program. TIG Brief 23:2 Apr '71
- Follow 'em down--unit fragmentation. Capt Dennis D. Collins. illus Infantry 61:44-49 Sep-Oct '71
- In a complicated situation--battalion CO's actions in an advance detachment. MajGen A. Zyryanov. map Soviet Mil Rev No. 4:19-21 Apr '71
- The kaleidoscope of command. LtCol Paul E. Wilson. illus MarCor Gaz 55:37-41 Jan '71
- The left seat. illus MAC Flyer 18:4-7 Jan '71
- MISPC (Mechanized Infantry Squad Proficiency Course). A challenge for the squad leader. LtGen Robert C. Taber. illus Infantry 61:6-9 Jul-Aug '71
- Major command. RADM G. S. Morrison. illus US Nav Inst Proc 97:14-17 Aug '71

COMMAND - Continued

- Military standards of behavior. (AFR 30-1) TIG Brief 23:1-2 Jul 23 '71
- Military theory and commander's practice. Col G. Lukava. Soviet Mil Rev No. 2:14-16 Feb '71
- Officer corps reform is our job. LtCol William L. Hauser and Zeb B. Bradford, Jr. illus Army 21:34-39 Dec '71
- Relieved of command. LtCol Martin Blumenson. illus Army 21:30-37 Aug '71
- The rifle squad: A disappointing element. Capt Michael Foster. illus Armor 80:50-53 Sep-Oct '71
- Some managerial aspects of command. LtCol Harold R. Lamp. illus Parameters 1:42-49 Spring '71
- Strategy: The essence of professionalism. RADM Henry E. Eccles, Ret. illus Nav War Col Rev 24:43-51 Dec '71
- Tactics tolerate no stereotypes. Col G. Ionov. illus Soviet Mil Rev No. 4:16-18 Apr '71
- Technique of command. MajGen A. S. Newman, Ret. illus Infantry 61:34-37 Mar-Apr '71
- Thoughts about command. Col L. V. Corbett. MarCor Gaz 55:44-46 Sep '71
- Will you wait for it? Or will you go get it? Gen Bruce C. Clarke, Ret. Armor 80:12-13 Jan-Feb '71

COMMAND AND CONTROL SYSTEMSSee also

- Combat Control Centers
- AACOMS (Army Area CommunicationS) high capacity system. Frank D. Penas. Signal 26:41-42+ Oct '71
- (ACAMPS (Automated Communications And Message Processing System)--a new computerized message handling system) illus Signal 25:166-168 Jun '71
- Automation improves airlift. LtCol Robert F. Ellington. illus Tac Alft 1:12-13 Apr '71
- Battle management for strategic weapons systems. Col Ralph L. Giddings, Jr, Ret. illus US Nav Inst Proc 97:49-52 Jan '71
- The challenge in the North (of Europe). Gen Walter Walker. illus NATO's Fifteen Nations 16:44-50 Apr-May '71
- Command and control. BrigGen Lawrence W. Steinkraus. illus Ordnance 55:440-443 Mar-Apr '71
- Command & control--407L-equipped direct air support center. Capt Laurence M. Bailey, Jr. illus Tac Air Warfare Gen Qtr Rpt 5:10-13+ Spring '71
- Communications discipline. Col A. J. Sabel. Signal 25:44-46 May '71
- Computers and communications in the information age. MajGen Gordon T. Gould, Jr. illus Signal 25: 6-14 Feb '71
- Deformographic Storage Display Tube (DSDT). B. J. Ross. illus tab Signal 26:28-31 Dec '71
- Evolution of communications systems. (Address, AFCEA, Washington, June 9, 1971) Col Howard E. McCormick. Signal 25:61-63 Aug '71
- Message composer transmits data via dataphone. H. William Kruse. illus Tac Alft 1:22-23 Jul '71
- The military decision-makers' top tool. Edgar Ulsamer. illus AF Mag 54:44-49 Jul '71

COMMAND AND CONTROL SYSTEMS - Continued

- Remember the Pueblo. (Command and control systems of defense establishment commands) illus Govt Exec 3:15 Dec '71
- Restraining the data monster: The next step in C³ (Command, Control and Communications). George Weiss. illus Armed Forces J 108:26-29 Jul 5 '71
- Signal interviews LtGen Richard P. Klocko. Signal 26: 6-7 Sep '71
- TAC airlift given new control setup (Airlift Control Center). Capt Charles D. Kirkpatrick. AF Times 32:44 Oct 13 '71
- They call it MACIMS (Military Airlift Command Integrated Management System). LtCol Jack A. Evans. illus AF Compt 5:34-36 Nov '71
- USAF's electronic future--open-ended. William Leavitt. illus AF Mag 54:37-41 Jul '71
- WWMCCS--report, one year later. Govt Exec 3:19 Jan '71
- Warfare by computer. (Data automation in the Tactical Air Control System) LtCol Fred L. Crecelius. illus Tac Air Warfare Cen Qtr Rpt 2:28-35 Dec '70

Study and Teaching

- How to beat operating costs. LCDR T. W. Goad. Signal 25:46-47 Apr '71

COMMAND POSTS

- Command post security controls. TIG Brief 23:21 Mar 12 '71
- Remotely piloted aircraft. Edgar E. Ulsamer. (Reprinted from Air Force and Space Digest, Oct 1970) Aerosp Intl 7:32-34 Jan-Feb '71
- Responsiveness or failure? LtCol Norman E. Archibald. Signal 26:28-31 Sep '71

COMMANDING OFFICERS

- The age of the young leader. R. A. Beaumont. illus Royal United Svc Instn J 115:19-21 Dec '70; Condensation. Mil Rev 51:33-39 Aug '71
- Command--a specialist career field? Capt James L. Hickman. Armor 80:53-55 Jan-Feb '71
- The commander and his legal adviser. TIG Brief 23:1 Mar 26 '71
- The commander's legal adviser. TIG Brief 23:15 Apr 23 '71
- Commander's responsibility to military defense counsel. TIG Brief 23:2 Mar 26 '71
- The communications gap. TIG Brief 23:1 May 7 '71; AF Pley Ltr for Comdrs: Sup No. 8:25-26 Aug '71
- Field manual and the commander. Col G. Lukava. illus Soviet Mil Rev No. 12:7-9 Dec '71
- From cockpit to conn. CAPT Robert F. Hunt. illus US Nav Inst Proc 97:48-55 Apr '71
- IG scores commanders delegating discipline job. AF Times 32:10 Dec 1 '71
- Pilot in command. illus Approach 17:14-16 Aug '71
- A plea of superior orders. CDR M. L. Duke. illus MarCor Gaz 55:34-39 Mar '71
- Public law and the military commander: Responsibility and authority. (Address, Patrol Sq 26 Change of Command, 1971?) VADM Gerald E. Miller. illus Nav War Col Rev 24:21-26 Oct '71

COMMANDING OFFICERS - Continued

- Recipe for professional aviation commanders. Ted Kontos. illus USA Avn Dig 17:49-51 Feb '71
- The role of security police vis-a-vis the commander in maintaining discipline. TIG Brief 23:20 Nov 5 '71
- Schools for OCS commanders. 1stLt Donald E. Elkins. MarCor Gaz 55:55 May '71
- Super-vision (needed to see and correct aviation unit deficiencies). CW3 Junius A. Jordan. illus USA Avn Dig 17:40-43 Dec '71
- What you can do for aviation accident prevention. illus USA Avn Dig 17:36-47 Aug '71
- Will you wait for it? Or will you go get it? Gen Bruce C. Clarke, Ret. Armor 80:12-13 Jan-Feb '71

COMMANDOS

- See also
Rangers

- Her Majesty's Royal Marines; a report. Col Norman L. Dodd. illus MarCor Gaz 55:34-38 Oct '71

COMMANDS

- See also
Unified Commands
also specific commands by name, e. g.,
Strategic Air Command

- (Insignia of) USAF's major commands and separate operating agencies. Color photos only. AF Mag 54:54-55 May '71

- (Photocharts showing structure of the Office of the Secy of the AF, the USAF Command and Staff, the Deputy Chiefs of Staff, the major commands and the separate operating agencies as of April 15, 1971) AF Mag 54:51-53 May '71

Directories

- Command and Staff (1971 directory). pors Army 21: 96-104 Oct '71

Organization

- Sealift Command, MTMTS to merge. AF Times 31:36 Mar 17 '71

COMMENDATIONS see Awards, Decorations, etc.COMMERCE

- See also
Export and Import Trade

United States

- Balance of payments and U.S. trade policy. Howard S. Piquet. Persp in Def Mgt, pp 41-51, May '71

- Commerce takes a new stance--under Stans. Interview. Maurice H. Stans. illus Govt Exec 3:34-36+ Aug '71

COMMERCE DEPT

- Commerce takes a new stance--under Stans. Interview. Maurice H. Stans. illus Govt Exec 3:34-36+ Aug '71

- Mobilization priorities. A. A. Bertsch. Ordnance 55:350-352 Jan-Feb '71

- State Department plugs U.S. shipbuilding. Armed Forces J 108:18-19 May 17 '71

COMMISSARIESAir Force--U.S.

- Comstore users save up to 55%. Tony McHale. tab AF Times 31:1+ Feb 17 '71
- Comstores test returnable bottle. AF Times 31:19 May 12 '71
- New look in Air Force commissaries. BrigGen J. L. Blank. illus Review 50:32-34+ Mar-Apr '71
- Surcharge increase pushed for stores. AF Times 32:23 Dec 1 '71
- Survey of retired finds most use BX, commissary. Ed Gates. AF Times 32:1+ Sep 22 '71

Armed Forces--U.S.

- Army in Europe set to test filled milk. AF Times 31:13 Jun 23 '71
- BX, commissary price hikes seem likely. AF Times 32:4 Sep 8 '71
- Changes coming in BX operations. AF Times 31:1+ Jun 16, '71
- Commissary parley set--uniform pricing sought. AF Times 32:8 Sep 1 '71
- Commissary Seminar. (DSA Convention, 1971) MajGen Leo E. Benade. illus Review 51:24-25+ Nov-Dec '71
- Defense to ask hike in comstore prices. AF Times 32:2 Nov 3 '71
- Exchanges told to cut prices. Bob Horowitz. AF Times 31:3 Jan 6 '71
- Food stamp changes set. AF Times 31:5 Jan 20 '71
- HASC critical of non-appropriated fund activities. Brooke Nihart. Armed Forces J 108:12+ Jan 4 '71
- Introspect '71. (Highlights and presentations, Commissary and Exchange Symposium sponsored by Southern Calif Chapter, Defense Supply Assoc, Anaheim, April 14-16, 1971) Review 50:49-50+ May-Jun '71
- Military commissaries. Regular feature in some issues of Review
- SAMI (Selling Areas-Marketing, Inc) or Nielsen--which shall it be? (Service commissaries seek best source for market data) Ralph E. Risley. illus Review 51:43+ Sep-Oct '71
- Summary. Philbin Subcommittee findings, recommendations and approvals for exchanges and commissaries. Rankin R. Boone. tabs Review 50:21-22+ Jan-Feb '71

Army--U.S.

- Mobile commissary trucks quadruple Army service (in Hawaii). AF Times 32:53 Dec 8 '71
- Your money speaks louder at U. S. Army commissaries. Sgt1C Carl Martin. illus Army Dig 26: 20-22 Jan '71

COMMISSIONS, MILITARY

- Bars for NCOs boosted. Bruce Callander. AF Times 32:13 Sep 29 '71
- Boards to weigh Reg(ular) AF eligibles. Ed Gates AF Times 32:1+ Sep 29 '71
- 'Bootstrap' rules ease. George Foster. AF Times 31:6 Feb 17 '71

COMMISSIONS, MILITARY - Continued

- 558 nominated for Regular AF. tab AF Times 31:10 May 26 '71
- Navy selects 129 for augmentation. Armed Forces J 108:43 Jan 4 '71
- Navy selects 329 for designator changes. tabs Armed Forces J 108:14+ Feb 15 '71
- Pre-commission course offers new source for Reserve officers. Officer 47:28 Jan '71
- Public law and the military commander: Responsibility and authority. (Address, Patrol Sq 26 Change of Command, 1971?) VADM Gerald E. Miller. illus Nav War Col Rev 24:21-26 Oct '71
- Randolph (AFB, Tex) meeting to seek new road to commissions. George Foster. AF Times 31:1+ Jan 6 '71
- Regular berths revoked. Jim Sample. AF Times 31:1+ Jun 2 '71
- Reserve considers wider bar criteria. AF Times 32:5 Sep 1 '71
- Ruling against solons in Reserve exempts Guardsmen. Natl Guardsman 25:10-11 Jun '71
- 65 Reserve lieutenant colonels picked for Regular commissions. AF Times 32:6 Dec 1 '71
- Suits studied in voiding commission after school. AF Times 31:3 Jul 21 '71
- 10 year groups receive Reg(ular) AF selection chance. George Foster. AF Times 32:1+ Aug 25 '71
- An up-to-date system for procuring officers. Capt T. R. O'Neill. Army 21:52-53 Jun '71

History

- The value of a commission. Maj D.M.R. Esson. tabs Army Qtr 101:330-341 Apr '71

Statistics

- 1500 to compete for Reg(ular) AF--'70 acceptance rate rises. AF Times 31:3 Jan 13 '71
- 545 win bars through AFROTC. AF Times 32:8 Dec 29 '71
- 527 rated win Reg(ular) AF berths. tab AF Times 31:42 Jun 17 '71
- 409 OTS grads win bars. AF Times 32:21 Nov 17 '71
- 469 end OTS. AF Times 32:11 Dec 8 '71
- 1400 in line for Reg(ular) AF. AF Times 31:5 Feb 17 '71
- Navy selects 329 for designator changes. tabs Armed Forces J 108:14+ Feb 15 '71
- 111 OTS grads win bars. AF Times 31:41 Jul 14 '71
- 195 graduated by OTS; 2 ex-airmen top class. AF Times 31:66 Jun 9 '71
- 110 ROTC grads named for bars. tab AF Times 31:5 Jul 7 '71
- Reg(ular) AF lure soars. George Foster. AF Times 32:1+ Aug 11 '71
- 690 Academy cadets named for Reg(ular) AF. tab AF Times 31:6+ Jun 2 '71
- 348 OTS grads commissioned. AF Times 32:19 Aug 18 '71
- 364 in OTS win bars. AF Times 31:22 Mar 31 '71

COMMISSIONS, MILITARY - ContinuedStatistics - Cont'd

- 361 OTS graduates win bars. AF Times 31:16 Apr 21 '71
- 328 OTS grads commissioned. AF Times 31:22 Mar 17 '71
- 324 new (AF) officers pin on bars (from OTS). AF Times 32:37 Oct 6 '71
- 322 OTS grads named for commissions. AF Times 32:19 Oct 27 '71
- 252 OTS grads commissioned. AF Times 31:35 Jan 27 '71
- 274 win bars through OTS. tab AF Times 31:16 May 12 '71

COMMON MARKET see European Economic Community

COMMUNICATIONS (GENERAL)

- Black airmen feel racism--communications need cited. Tony McHale. AF Times 31:19 Mar 10 '71
- Bridging the communications gap. William E. Odom. illus Def Mgt J 6:36-40 Feb '71
- Can one human realize what another wants? Bruce Callander. AF Times 31:13 Feb 10 '71
- The case for more and better hangar flying. illus Approach 16:36-40 Mar '71
- Communicate. Ch(LtCol) Oscar L. Sylwester and Ch(Maj) Earl J. Kingsley. USAF Instrs J 8:38-42 Winter '70-'71
- Communication for command and community. (Language Training Section at SHAPE) David H. Ellis. illus NATO's Fifteen Nations 16:41-48 Aug-Sep '71
- Communication theory. Capt James C. Gaston. USAF Instrs J 8:21-24 Spring '71
- Communications between generations. CMSgt William G. Franklin. USAF Instrs J 9:8-11 Summer '71
- The communications gap. TIG Brief 23:1 May 7 '71; AF Plcy Ltr for Comdrs: Sup No. 8:25-26 Aug '71
- Communications: The essence of human life. Sen Hubert H. Humphrey. Signal 26:10-12 Sep '71
- Demands of young need more 'aging.' Bruce Callander. AF Times 32:13 Oct 20 '71
- Effective communications. illus Approach 17:1-5 Aug '71
- Effective management through effective reporting. (Adapted from keynote address, Symposium on Effective Reporting Systems, Dept of Commerce, Washington, 1971?) Barry J. Shillito. Def Mgt J 7:23-26 Spring '71
- Factors in military decision-making: Communication and cross-cultural analysis. LtCol Russell A. Turner II and Hamid Mowlana. illus AU Rev 22:24-33 Mar-Apr '71
- Fighters also write. Allen K. Pruett. illus Infantry 61:26-27 Jul-Aug '71
- HQMC couldn't care more (1st MC wide company grade officers' symposium). LtCol David L. Althoff. illus MarCor Gaz 55:57-58 Nov '71
- 'Hot lines' cool airmen gripes. Bruce Callander. AF Times 32:13 Sep 22 '71
- How to attend a conference. S. I. Hayakawa. (Reprinted from Etc, Autumn 1955) illus Armed Forces Compt 16:32-35 Fall '71

COMMUNICATIONS (GENERAL) - Continued

- The inspector general complaint system. TIG Brief 23:7-8 May 7 '71
- The left seat. illus MAC Flyer 18:4-7 Jan '71
- Listen lesson. Capt Charles H. Mead. illus Combat Crew 22:22-23 May '71
- Make it right. Gen Leonard F. Chapman, Jr. illus MarCor Gaz 55:18-20 Jan '71
- The malady of resistance to change. Maj C. J. Wolk. illus MarCor Gaz 55:37-39 Dec '71
- Man to man. SGM Silas L. Copeland. illus Soldiers 26:4 Dec '71
- Meeting human needs. TIG Brief 23:21-22 Aug 6 '71
- The need for understanding. (Message, March AFB, Calif, June 17, 1971) LtGen Paul K. Carlton. AF Plcy Ltr for Comdrs: Sup No. 10:12-14 Oct '71
- Personal communication in the modern Army. Maj Lawrence J. Dacunto. illus Mil Rev 51:73-79 Dec '71
- The problem of communicating. BrigGen Alan C. Edmunds and others. (Reprinted from Air Force Policy Letter for Commanders, June 15, 1971) AF Plcy Ltr for Comdrs: Sup No. 8:22-24 Aug '71
- Race accord class eyed as required program. Bob Schweitz. AF Times 31:3 Mar 3 '71
- Say again. Albert W. Reuter. USAF Instrs J 8:65-67 Spring '71
- Squadron Officer School, junior officers and you. Col Arthur R. Moore, Jr. illus AU Rev 22:34-44 Sep-Oct '71
- Status quo: Enemy of leadership. Maj Ramon A. Nadal. illus Mil Rev 51:24-30 Jun '71
- The 3C (Communication, Coordination, Cooperation) concept. Jerome G. Peppers, Jr. illus AF Civil Engr 12:23-25 Nov '71
- Too nice a guy to be a captain? Capt Charles F. Moler. illus Armor 80:6-8 Jul-Aug '71
- Troop gripes encouraged. AF Times 32:55 Nov 24 '71
- Two-way communication. TIG Brief 23:1 Nov 5 '71
- You can learn to listen. Richard J. Ovington. illus Armed Forces Compt 16:30-34 Summer '71

COMMUNICATIONS, MILITARYSee also

- Intercommunications Systems
- Liaison
- Radio Communications
- Air Force Security Service COMMUNICATIONS SECURITY (COMSEC) surveillance services. TIG Brief 23:19 Nov 5 '71
- Army's (MajGen George E.) Pickett: "We're taking a calculated risk." illus Govt Exec 3:32 Aug '71
- The base communications officer--a very important person. TIG Brief 23:18 Jun 18 '71
- Changes to CEM (Communications-Electronics-Meteorological) facilities by O&M activities. TIG Brief 23:9 Dec 3 '71
- Communicate! illus Approach 16:36-37 Feb '71
- Communications discipline. Col A. J. Sabel. Signal 25:44-46 May '71

COMMUNICATIONS, MILITARY - Continued

- Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal
- Communications/message distribution centers. TIG Brief 23:21 Nov 5 '71
- Doing more with less through technology. (Address, Dallas Chapter, AFCEA, Dec 10, 1970) BrigGen Jack B. Robbins. AF Plcy Ltr for Comdrs: Sup No. 4:9-16 Apr '71
- Hot lines communications in Allied Command Europe. MajGen E. Gralka. illus NATO's Fifteen Nations 16:86-88+ Apr-May '71
- Military communications--harbinger of the future. MajGen Gordon T. Gould, Jr. Signal 25:32-34 Jan '71
- The Navy's telemetry system program. Brent D. Peterson. illus Signal 26:14-17 Dec '71
- The need to do more with less. BrigGen Jack B. Robbins. illus Signal 25:18-21 May '71
- Operational event/incident reports. TIG Brief 23:17 Feb 12 '71
- Responsiveness or failure? LtCol Norman E. Archibald. Signal 26:28-31 Sep '71
- Restraining the data monster: The next step in C³ (Command, Control and Communications). George Weiss. illus Armed Forces J 108:26-29 Jul 5 '71
- Secure telecommunications. TIG Brief 23:15-16 Jul 23 '71
- TRI-TAC communications commonality. Armed Forces J 108:16-18 Mar 15 '71
- TRI-TAC (TRI-department TACTical communications office): Its status and future. Louis A. deRosa. Signal 25:40-42 Jun '71
- TRI-TAC (TRI-departmental activities in TACTical communications): The creation of common tactical communications. Scot MacDonald. illus Govt Exec 3:68-69 Jul '71
- Thomas Jefferson Award winners chosen. AF Times 31:58 May 26 '71
- USAF communications support for Apollo 14. illus Signal 25:29-32+ Jul '71
- USAF ground communications-electronics program management. TIG Brief 23:18 Feb 12 '71
- U.S. flag over Diego Garcia: Challenging the Soviet fleet. Col Robert D. Heintz, Jr. Armed Forces J 108:13 Feb 1 '71

History

- But let your communications be yea, yea; nay, nay. Col Robert D. Sweeney. illus Infantry 61:19-21 Jul-Aug '71

Study and Teaching

- Pigeon handler platoon. (Evolution of Marine Corps Communication-Electronics School, Twentynine Palms, Calif) Maj D.R. Horn. MarCor Gaz 55:42-43 Sep '71

COMMUNICATIONS EQUIPMENTSee also

- Radar Equipment
Radio Equipment

- But let your communications be yea, yea; nay, nay. Col Robert D. Sweeney. illus Infantry 61:19-21 Jul-Aug '71

COMMUNICATIONS EQUIPMENT - Continued

- The Clansman range of combat radios. Maj D. S. Mullineaux. illus tab Intl Def Rev 3:404-406 Dec '70
- Communicate! illus Approach 16:36-37 Feb '71
- Complex comm colossus (Northern Communications Area). illus AF Times 31:34 May 26 '71
- The elephant cage (antenna form at Misawa AB, Japan). Ed Blair. illus Airman 15:41-42 Jul '71
- Marines and the mobile message. Alvin Lemack and Clarence Sidlo. illus Signal 25:73-74+ Jun '71
- (Tropo-scatter dish antennas part of STRATCOM-Europe's support for the recent Reforger II) illus Signal 25:62 Feb '71

Design

- Wideband modems--toward a digital DCS. Lee Blachowicz. illus Signal 26:6-10 Dec '71

Exhibitions

- Telecom 71--message for the 21st century. (World's first telecommunication exhibition, Geneva, June 17-27, 1971) illus Interavia 26:930-932 Aug '71

Maintenance and Repair

- Communications-electronics quality control. TIG Brief 23:11 Mar 12 '71
- Logistics management of communications-electronic equipment. TIG Brief 23:4 Apr 9 '71

Reliability

- AN/ARC-144 UHF multimode transceiver. N.R. Avella and W.R. Perrigo. illus tab Signal 26:14-15 Sep '71
- The Navy's telemetry system program. Brent D. Peterson. illus Signal 26:14-17 Dec '71
- The noise approach to on-line and in-service system monitoring. Norman E. Chasek. illus Signal 25:115-119 Jun '71
- Signal interviews the military communicators. RADM Francis J. Fitzpatrick and MajGens Gordon T. Gould, Jr and George E. Pickett. illus Signal 25:80-82+ Jun '71

COMMUNICATIONS SATELLITE CORP

- The global satellite communications system. illus map tabs Interavia 26:1165-1168 Oct '71
- Space age nation building. Col Robert E. Button, Ret. map illus Signal 25:28-31 Feb '71

COMMUNICATIONS SYSTEMSSee also

- Radio Communications
Space Communications

- The Dioscures project from the economic viewpoint. illus map tab Interavia 26:140-141 Feb '71
- (Needed: A legal framework for one world of communications) Robert W. Sarnoff. Signal 26:59 Oct '71
- Space age nation building. Col Robert E. Button, Ret. map illus Signal 25:28-31 Feb '71
- Telecommunications aboard Apollo. David Baker. illus Spaceflight 229-231 Jun '71

COMMUNICATIONS SYSTEMS - ContinuedExhibitions

Telecom 71--message for the 21st centry. (World's first telecommunication exhibition, Geneva, June 17-27, 1971) illus Interavia 26:930-932 Aug '71

Alaska

RCA Alascom takes over the ACS (Alaska Communication System). illus Signal 25:24-26 May '71

Wires, whales, and WAMCATS (Alaska Communication System). Airman 15:3-4 Apr '71

France

New equipment for terminal area control. P.Abraham. illus Interavia 26:151-152 Feb '71

India

India's domestic communications satellite. Hormuz P.Mama. illus Spaceflight 13:446-448 Dec '71

Korea

The trend of telecommunications in Korea. Kim Hyong Su. tab Signal 26:32-33 Sep '71

Korea (Republic)

The trend of communications and electronics in the Republic of Korea. MajGen Lee Chun Hwa. Signal 25:36-37 Feb '71

United States

Communications serving computers. (Address, AFCEA, Washington, June 10, 1971) Armig G. Kandoian. Signal 25:86-88 Aug '71

Computer-communications technology: A new way (RhoData) to cut costs. C.W. Borklund. illus Govt Exec 3:40-42 Jan '71

The contribution of competition to our developing communications system. (Address, AFCEA, Washington, June 9, 1971) Kenneth A. Cox. Signal 25:59-60 Aug '71

Facsimile transmission helps control procurement costs at McDonnell Douglas. C.B. Husti. illus Signal 25:108-109 Jun '71

A forward look (at computers and communications in the 1970's. (Address, AFCEA, Washington, June 10, 1971) Lawrence G. Roberts. illus map Signal 25:77-81 Aug '71

The impact of technological advances on regulatory problems. Dean Burch. Signal 25:24-26 Feb '71

The next 25 years (in the communications-electronics field). Dause L. Bibby and others. illus Signal 25:44-47+ Jun '71

(Now possible to transmit one billion bits of information per second over a laser beam) Signal 25:61-62 Feb '71

OTP's (Clay T.) Whitehead sets fast pace for new agency, but problems proliferate. Samuel Stafford. Govt Exec 3:44-47 Dec '71

On the new office of Telecommunications Policy: Where communicators communicate. Clay Whitehead. Signal 25:20-22 Feb '71

Secure telecommunications. TIG Brief 23:15-16 Jul 23 '71

Serious compatibility problems in computer networking challenge NBS, industry. Samuel Stafford. illus Govt Exec 3:64-66 Jul '71

Something borrowed... something new? ('Spin-offs') RADM Francis J. Fitzpatrick. Signal 25:19-20 Jan '71

COMMUNICATIONS SYSTEMS - ContinuedUnited States - Cont'd

Space age technology for ground communications. (Interview with Edward Berg) illus Signal 25:34-37 May '71

Teleprocessing industries: A new force in data communications. illus Signal 26:25-26 Nov '71

Trends and future of telecommunications. Henri Busignies. Signal pt 1, 26:16-19 Nov '71; pt 2, 26:18-21 Dec '71

Why GSA is building up the FTS (Federal Telecommunications System). C.W. Borklund. illus Govt Exec 3:57+ Jul '71

COMMUNICATIONS SYSTEMS, MILITARYSee also

Automatic Digital Network
Automatic Voice Network
Command and Control Systems
Defense Communications System
Sage
Space Communications
Tactical Communications
Warning Systems

At last, a base in the Indian Ocean. L. Edgar Prina. illus map Navy 14:26-27 Jan '71

Testing

Oklahoma ANG begins communications mission. AF Times 31:44 May 19 '71

Asia, Southeastern

The future of communications in South Vietnam. Interview. BrigGen Jack A. Albright. illus Signal 25:10-14 Apr '71

Long distance dialing comes to Southeast Asia. LtCol Charles S. Richardson. illus Signal 25:10-13 Mar '71

Great Britain

Royal Navy's ComSat system. John Marriott. illus NATO's Fifteen Nations 16:90-91 Oct-Nov '71

Korea (Republic)

The trend of communications and electronics in the Republic of Korea. MajGen Lee Chun Hwa. Signal 25:36-37 Feb '71

Russia

Reliable communications regardless of conditions LtGen I. Kulakov. Soviet Mil Rev No. 7:18-19 Jul '71

United States

AACOMS (Army Area COMMunicationS) high capacity system. Frank D. Penas. Signal 26:41-42+ Oct '71

Air Force Communications Service completes its first decade. illus Signal 25:5-9 Jul '71

(Air Force System 621B) Signal 25:57 Feb '71

Automation for effective telecommunications. James W. Madden. illus Signal 26:11-13 Nov '71

But let your communications be yea, yea; nay, nay. Col Robert D. Sweeney. illus Infantry 61:19-21 Jul-Aug '71

The changing DOD communications-electronics environment. LtGen Richard P. Klocko and MajGen Anthony T. Shtogren. illus Signal 25:60-61+ Jun '71

COMMUNICATIONS SYSTEMS, MILITARY - ContinuedUnited States - Cont'd

Closing the communications gap. SP5 Eduardo E. Sanchez. Translog 2:19-20 May '71

A communication center (Naval Message Center) on the move. LCDR Orelan R. Carden, Jr. illus Mil Engr 63:9-11 Jan-Feb '71

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Comm(unications) monitor in works. AF Times 31:47 Jan 6 '71

Complex comm colossus (Northern Communications Area). illus AF Times 31:34 May 26 '71

Computers and communications in the information age. MajGen Gordon T. Gould, Jr. illus Signal 25:6-14 Feb '71

Doing more with less through technology. (Address, Dallas Chapter, AFCEA, Dec 10, 1970) BrigGen Jack B. Robbins. AF Plcy Ltr for Comdrs: Sup No. 4:9-16 Apr '71

The engineering aspects of the communications transition. (Address, AFCEA, Washington, June 9, 1971) Lee L. Davenport. Signal 25:56-59 Aug '71

Evolution of communications systems. (Address, AFCEA, Washington, June 9, 1971) Col Howard E. McCormick. Signal 25:61-63 Aug '71

Message delays blasted. AF Times 31:2 Jun 16 '71

Military--maintaining direct lines (of communications). Govt Exec 3:17 Jul '71

Remember the Pueblo. (Command and control systems of defense establishment commands) illus Govt Exec 3:15 Dec '71

Restraining the data monster: The next step in C³ (Command, Control and Communications). George Weiss. illus Armed Forces J 108:26-29 Jul 5 '71

Signal interviews the military communicators. RADM Francis J. Fitzpatrick and MajGens Gordon T. Gould, Jr and George E. Pickett. illus Signal 25:80-82+ Jun '71

Teleprocessing. (Address, AFCEA, Washington, June 10, 1971) BrigGen Lee M. Paschall. Signal 25:88-91 Aug '71

COMMUNISM

The national-liberation movement at the present stage. G. Mirsky. illus Soviet Mil Rev No. 10:49-52 Oct '71

Red shadow over Asia. ADM John S. McCain, Jr. Ordnance 55:431-435 Mar-Apr '71

The role of Communist ideology in insurgency. Charles A. Russell and Maj Robert E. Hildner. AU Rev 22:42-48 Jan-Feb '71

Asia, Southeastern

The control of ethnic minorities in remote South Asia areas. Col Victor J. Croizat. illus maps tab MarCor Gaz 55:18-27 Feb '71

China (People's Republic)

China: The Army, the Party, and the people. A.H.S. Candlin. (Condensed from Royal United Service Institution Journal, Sep 1970) illus Mil Rev 51:24-32 Feb '71

China's military: A growing political force. Ralph L. and Helena F. Powell. illus chart AF Mag 54:43-47 Jun '71

COMMUNISM - ContinuedChina (People's Republic) - Cont'd

Who is the commissar: Political officers in the Chinese Communist Army. (Research paper, College of Naval Warfare) Kenneth C. Cathey. illus Nav War Col Rev 24:55-72 Nov '71

Communist Bloc

NATO and the Brezhnev doctrine. MajGen M.W.J.M. Broekmeijer. illus NATO's Fifteen Nations 16:22-24 Jun-Jul '71

Pacific Area

Four Communist nations pose threats in Pacific. (From address, ROA National Convention, San Diego, Calif, June 17-19, 1971) MajGen R. P. Keller for ADM John S. McCain. Officer 47:6 Aug '71

Russia

The Communist objective: Domination of the entire world society is the ultimate goal. Foy D. Kohler. Ordnance 56:118-120 Sep-Oct '71

For peace and cooperation against war and aggression. Col O. Ivanov. Soviet Mil Rev No. 6:6-8 Jun '71

In the spirit of readiness to defend the motherland--the Soviet people's moral and political preparedness to repulse Nazi aggression. Col A. Korkeshkin. illus Soviet Mil Rev No. 5:38-41 May '71

A mighty accelerator. Col O. Ivanov. illus Soviet Mil Rev No. 11:2-5 Nov '71

The Party, people and Army are one. (From address, 24th Congress of the Communist Party of the Soviet Union, Moscow, March 30-April 9, 1971) Andrei A. Grechko. illus Soviet Mil Rev No. 5:2-5 May '71

Soviet civil-military relations: Conflict and collaboration among comrades. (Research paper, College of Naval Command and Staff, 1971) LCDR Gerald C. Caron, Jr. illus Nav War Col Rev 24:65-93 Dec '71

Under the laws of internationalism. Col V. Zmitrenko. illus Soviet Mil Rev No. 6:2-5 Jun '71

Vanguard of the Soviet people. A. Vladimirov. Soviet Mil Rev No. 1:6-8 Jan '71

History

Lenin's decree. Col Y. Korablyov. illus Soviet Mil Rev No. 2:34-36 Feb '71

Vietnam

The war in Vietnam. Col Cao Xuan Ve. illus Royal United Svc Instn J 116:3-11 Mar '71

COMMUNITY RELATIONS

Here is entered material on the relations between a base and its neighboring community.

The ARNG aviation story. LtCol Charles R. Jones. illus USA Avn Dig 17:29-31 Jul '71

Additional Culebra hearings promised. Armed Forces J 108:10 Aug '71

The air medical evacuation system concept. CW2 Robert E. Cline. illus USA Avn Dig 17:22-25 Jul '71

Army on the offensive--toward a restored and renewed environment. illus Soldiers 26:2-5 Sep '71

Base annexation threat grows. AF Times 32:8 Nov 3 '71

COMMUNITY RELATIONS - Continued

Bases provide aid in disasters--blizzards, tornadoes, earthquake. illus AF Times 31:19 Mar 17 '71

CRACs (Community Relations Advisory Councils) mend the cracks. Lt Dan P. Murphy. illus Army Dig 26:42-44 Jan '71

Chance for survival--life-sustaining water: Your Army keeps it clean. Owen J. Remington. illus Soldiers 26:6-9+ Sep '71

Culebrans win; Navy to be out by 1975. Armed Forces J 108:12 Apr 19 '71

Ent (AFB, Colo) SPs give aid to needy. AF Times 31:35 Jul 7 '71

Holloman (AFB, NM) volunteers feed firefighters. AF Times 31:38 Jun 2 '71

An investment in tomorrow. (Guardsmen support youth activities) illus Natl Guardsman 25:22-25 Dec '71

JOC doings--community help varies. AF Times 31:42 May 12 '71

Minimizing economic impact on communities as a result of Defense program adjustments. TIG Brief 23:3 Jan 29 '71

Norton (AFB, Calif) gives separatees wide range of training. AF Times 32:24 Sep 1 '71

Passing of a metal hand (Military Assistance to Safety and Traffic (MAST)). Sgt Dave Cole. illus Airman 15:34-37 Nov '71

Proprietary jurisdiction. Capt Richard F. Papcun. illus AF JAG L Rev 13:116-127 Spring '71

Reducing flight disturbances that cause adverse public reactions. TIG Brief 23:18 Jan 29 '71

Southern Command aids flood victims. AF Times 31:46 Jan 13 '71

Units at Clark (AB, Philippines) aid in disaster. AF Times 31:29 Jan 13 '71

Vandy (Vandenberg AFB, Calif) helps save 16 as boat sinks. AF Times 31:19 Mar 17 '71

COMPASSES

Low frequency air navigation in Southeast Asia. Capt Bruce E. Gearhart. illus map Signal 26:20-24 Nov '71

Orienteering: Sport for Marines. LtCol Arne N. Lundell. illus maps MarCor Gaz 55:24-27 Jun '71

Time plot. LtCol Layton C. Tuggle. illus Navigator 18, No. 3:7-9 '71

COMPENSATION AND RETENTION STUDY, 1966

Study group keeps 'free' retirement. AF Times 32:2 Aug 18 '71

COMPRESSORS

A salty situation. (Aircraft engine salt encrustation problem) L. E. Goodding. illus Aerosp Safety 27: 2-5 May '71

COMPTROLLERS

AFRES comptrollership--the same, only different. Col Oscar E. Schlamersdorf. illus AF Compt 5: 11-12 Mar '71

COMPTROLLERS - Continued

Analysis in action. illus AF Compt pt 1, A self-test on cost effectiveness analysis. E. B. Cobb. 3:23-24 Apr '69; pt 2, Linear regression. Capt Charles P. Wood, Jr and Joseph F. Krushinski. 3:30-32 Jul '69; pt 3, Present value. Maj Donald L. Rans. 3:22-23+ Oct '69; pt 4, Management science. LtCol P. E. Haug, Jr and Maj F. D. Richards. 4: 36-37 Jan '70; pt 5, Beware of the "simple average." M. A. Schwartz. 4:30-31 Apr '70; pt 6, Behavior of cost. LtCol Hollis Lunsford. 4:30-31 Jul '70; pt 7, SIMULO-BUDPRO. LtCol John J. Smith, Ret. 4:25-27 Nov '70; pt 8, Price indexes. Capt Charles W. McNichols II. 5:22-24 Mar '71; pt 9, Linear regression--the assumptions. Joseph Krushinski. 5:20-21 Jul '71

Comptroller activities at major commands: Hqs U.S. Air Forces--Europe. Steve Clanton. illus AF Compt 5:2-5 Nov '71

Comptroller activities at major commands: Tactical Air Command. illus AF Compt 5:10-13 Jul '71

A comptroller is ... Col Paul A. Lopapa. illus AF Compt 5:14-16 Nov '71

Financial management digest. Regular feature in some issues of Armed Forces Comptroller

The Fitzhugh report--its impact on comptrollers. LCDR Joseph E. Kasputys. illus tab Armed Forces Compt 15:3-6+ Fall '70

The Information Exchange Program. Phillip E. Goodwin. illus AF Compt 5:29 Jul '71

Management advisory role of the wing/base level comptroller. LtCol R. K. Baliles. illus AF Compt 5:22-23 Nov '71

Meet BrigGen Jack B. Robbins. illus AF Compt 5:17+ Nov '71

New comptrollers (BrigGen Charles S. Robertson, RADMs Edward D. Scheiderer and William M. Harnish, and LtGen John M. Wright, Jr). illus Armed Forces Compt 15:16-17 Fall '70

The role of the comptroller (in weapon system acquisition). Robert C. Moot. illus Def Mgt J 7:16-21 Fall '71

The role of the military comptroller. Eckhart Bennewitz. illus Armed Forces Compt 16:9-12 Summer '71

The second challenge--new horizons for the comptroller cost analysis program. LtCol Norman B. Davis. illus AF Compt 5:14-15 Jul '71

(Special symposium on today's financial management philosophy, 1971) illus Armed Forces Compt 16: entire issue Spring '71

System changes--stepping stones to survival. Maj John N. Worley. illus AF Compt 5:8-9+ Mar '71

The task ahead. Robert C. Moot. illus Armed Forces Compt 16:35-38 Spring '71

The USAFE Comptroller Conference (Wiesbaden, W. Germany, Aug 24-26, 1971)--it produced a few 'firsts.' illus AF Compt 5:6-7+ Nov '71

Wanted! Responsible non-conformists. BrigGen Edwin S. Wittbrodt, Ret. illus AF Compt 5:8-11 Nov '71

Worldwide Comptroller Executive Session, Randolph AFB, Tex, March 18-19, 1971. Steve Canton. illus AF Compt 5:3-8 Jul '71

COMPTROLLERS - ContinuedDirectories

Comptroller of the Air Force. Chart only. AF Compt 5:31 Mar '71

The comptroller organization--worldwide. Chart only. AF Compt 5:16-17 Mar '71

Education and Training

Education for comptrollership--the Army Comptrollership School keeps up with today's demands. MajGen William M. Lynn, Ret and Richard J. Hopeman. illus Armed Forces Compt 16:15-20 Summer '71

Laws and Regulations

The legal foundation of comptrollership. Bruce A. King. illus AF Compt pt 1, 5:22-25 Jul '71; pt 2, 5:30-32 Nov '71

COMPUTER PROGRAMMING

Air Force Data Systems Design Center. AF Mag 54: 138+ Mdy '71

Close the computer generation gap. Capt John P. McLaughlin. illus Translog 2:15-17 Jul '71

The common sense of computers. LtCol F. Boonham. illus tab Royal United Svcs Inst for Def Studies J 116:30-38 Sep '71

The military decision-makers' top tool. Edgar Ulsamer. illus AF Mag 54:44-49 Jul '71

A progress report: DOD standard data element and data code program. Mildred L. Bailey. illus tabs Def Ind Bul 7:17-20 Summer '71

COMPUTERS

Communications: The essence of human life. Sen Hubert H. Humphrey. Signal 26:10-12 Sep '71

Computers serving communications. (Address, AFCEA, Washington, June 10, 1971) William H. C. Higgins. illus Signal 25:81-86 Aug '71

Electronic warfare technology--a State-of-the-Art report and a projection into the next decade. M. Halpern. illus Signal 25:22-25 Jan '71

The military decision-makers' top tool. Edgar Ulsamer. illus AF Mag 54:44-49 Jul '71

Vietnamization and the computer. Forest W. Horton, Jr. Def Mgt J 7:54-56 Fall '71

Aeronautical Applications

AIREPS--how they help you. Maj Robert F. Woodnal and Arthur W. Gulliver. illus MAC Flyer 18:19-21 Aug '71

Aircraft structural fatigue life program. illus Approach 17:42-45 Oct '71

Automation improves airlift. LtCol Robert F. Ellington. illus Tac Alft 1:12-13 Apr '71

Automation in air traffic control. illus Def Trans J 27:38-41 Jul-Aug '71

Computer--airborne model on time. Govt Exec 3:10+ Mar '71

Computer flight planning. LtCol Harold O. Morrison. illus tabs Navigator 18, No. 2:18-21 '71

Computers get trial run to update maintenance. Paul Collins. AF Times 32:62 Dec 8 '71

Data for deterrence. MajGen William C. Garland. illus Combat Crew 22:2+ Oct '71

COMPUTERS - ContinuedAeronautical Applications - Cont'd

European radar and flight data processing systems. illus Interavia 26:1184-1186 Oct '71

Honeywell modular automatic test equipment. Robert B. Gustafson. illus Interavia 26:1069-1071 Sep '71

Hover lift computer. Maj John M. Apgar. illus USA Avn Dig 17:28-30 Nov '71

Implementing the FAA 10 year plan. illus Interavia 26: 937-938 Aug '71

Schiphol Airport air traffic control for the seventies. illus map Interavia 26:138-139 Feb '71

Schiphol Airport air traffic control meets requirements for the seventies. illus NATO's Fifteen Nations 16:98-99 Aug-Sep '71

Astronautical Applications

See Computers--Space Flight Applications

Communication Applications

(ACAMPS (Automated Communications And Message Processing System)--a new computerized message handling system) illus Signal 25:166-168 Jun '71

But let your communications be yea, yea; nay, nay. Col Robert D. Sweeney. illus Infantry 61:19-21 Jul-Aug '71

Closing the communications gap. SP5 Eduardo E. Sanchez. Translog 2:19-20 May '71

The coming age of the talking computers. Edgar Ulsamer. illus AF & Space Dig 54:49-55 Jan '71

Comm(unications) monitor in works. AF Times 31:47 Jan 6 '71

Communications serving computers. (Address, AFCEA, Washington, June 10, 1971) Armig G. Kandoian. Signal 25:86-88 Aug '71

Computer-communications technology: A new way (RhoData) to cut costs. C.W. Borklund. illus Govt Exec 3:40-42 Jan '71

Computers and communications in the information age. MajGen Gordon T. Gould, Jr. illus Signal 25: 6-14 Feb '71

Computers serving communications. (Address, AFCEA, Washington, June 10, 1971) William H. C. Higgins. illus Signal 25:81-86 Aug '71

Doing more with less through technology. (Address, Dallas Chapter, AFCEA, Dec 10, 1970) BrigGen Jack B. Robbins. AF Plcy Ltr for Comdrs: Sup No. 4:9-16 Apr '71

Facsimile transmission helps control procurement costs at McDonnell Douglas. C. B. Husti. illus Signal 25:108-109 Jun '71

A forward look (at computers and communications in the 1970's). (Address, AFCEA, Washington, June 10, 1971) Lawrence G. Roberts. illus map Signal 25:77-81 Aug '71

The micro-miniaturized computer. Ralph S. La Montagne. illus tab Signal 25:25-28 Apr '71

The military decision-makers' top tool. Edgar Ulsamer. illus AF Mag 54:44-49 Jul '71

The mini-computer: A new tool for communicators. Arnold Shore. illus Signal 25:15-17 Apr '71

The need to do more with less. BrigGen Jack B. Robbins. illus Signal 25:18-21 May '71

COMPUTERS - ContinuedCommunication Applications - Cont'd

The next 25 years (in the communications-electronics field). Dause L. Bibby and others. illus Signal 25: 44-47+ Jun '71

Restraining the data monster: The next step in C³ (Command, Control and Communications). George Weiss. illus Armed Forces J 108:26-29 Jul 5 '71

Selective access to tactical information. W.G. Welchman. Signal pt 1, The problem. 25:17-19 Feb '71; pt 2, Selective access to tactical information. 25: 27-31 Mar '71

Serious compatibility problems in computer networking challenge NBS, industry. Samuel Stafford. illus Govt Exec 3:64-66 Jul '71

A solution to wire pollution--Versatile Interior Multiplex Systems (VIMS). J. Ohlhaber. illus Signal 25:6-8 Apr '71

Space age technology for ground communications. (Interview with Edward Berg) illus Signal 25:34-37 May '71

Teleprocessing. (Address, AFCEA, Washington, June 10, 1971) BrigGen Lee M. Paschall. Signal 25:88-91 Aug '71

Teleprocessing industries: A new force in data communications. illus Signal 26:25-26 Nov '71

Transportation data coordination. Edward A. Guilbert. illus Def Trans J 27:26-31 Jan-Feb '71

Why GSA is building up the FTS (Federal Telecommunications System). C.W. Borklund. illus Govt Exec 3:57+ Jul '71

Wideband modems--toward a digital DCS. Lee Blachowicz. illus Signal 26:6-10 Dec '71

(World's first computer-based typesetting system that uses television graphics) Signal 25:180-181 Jun '71

Costs

Navy's CAPT Fred Weihrich: Driving computer costs down. illus Govt Exec 3:28 Jan '71

Educational Applications

AFIT sets up new computer. AF Times 31:50 Jun 23 '71

ATC training goes computerized (at Fort Rucker, Ala). CW2 Mike Sheley. illus USA Avn Dig 17:31-35 Dec '71

Cadet AIDS (Administrative Information Data System): USAF Academy's unique data processing system. Kenneth W. Veatch. illus AF Compt 5:18-20 Nov '71

Computer assisted instruction (at Infantry School, Fort Benning, Ga). 1stLt Thomas H. Dodds. illus Infantry 61:18-19 Sep-Oct '71

Computer-assisted OJT. 1stLt Russell J. Hibler. illus USAF Instrs J 9:59-62 Fall '71

Computer aided instructor. MSgt R.J. Reynolds and GySgt R.R. Sorensen. MarCor Gaz 55:52-53 Jan '71

'Computerese' taught at AF Academy. illus AF Times 31:31 Mar 31 '71

An educational crisis (calls for change in training philosophy). MGySgt R.J. Reynolds and GySgt R.R. Sorensen. illus MarCor Gaz 55:31-33 Dec '71

How to beat operating costs. LCDR T.W. Goad. Signal 25:46-47 Apr '71

COMPUTERS - ContinuedEducational Applications - Cont'd

Implementing new educational technology for the military. Edward B. Roberts and Henry B. Weil. Nav War Col Rev 23:22-28 Apr '71

Invasion or innovation. Capt William E. Flinn. USAF Instrs J 8:50-51 Winter '70-'71

Outlook brightens for computer aided military instruction. Raymond G. Fox. illus Signal 25:56-59 Jun '71

Path to tomorrow (Air Force Human Resources Laboratory). MSgt Loren B. Leonberger. Airman 15:31-34 Oct '71

Selecting team leaders. LtCol William J. Fiorentino and Maj Gary L. Silcott. tabs USAF Instrs J 9:39-43 Fall '71

The social implications of military education and training. (From address, Armed Forces Management Assoc Conference, Los Angeles, Aug 21, 1970) MajGen Frank M. Madsen, Jr. AF Plcy Ltr for Comdrs: Sup No. 2:24-31 Feb '71

Super instructors aid students at USAIS (U.S. Army Infantry School, Fort Benning, Ga) Capt Terence J. Kennedy. illus Infantry 61:14-16 Nov-Dec '71

Engineering Applications

Computers for military engineering. LtCol Robert G. MacLennan. Mil Engr 63:254-256 Jul-Aug '71

Mechanization and the application of computers in distribution. Col Robert E. Carlson. illus Def Trans J 27:34-37 Jan-Feb '71

Errors

CORrect COMMunication--revolutionary, digital communications error detection correction system. Theodore O. Meyer. illus Signal 26:35-37 Nov '71

Government Applications

Computer-based welfare accounting speeds service in Georgia. Richard K.M. Bridges. illus Govt Exec 3:39+ Jul '71

Computer-communications technology: A new way (RhoData) to cut costs. C.W. Borklund. illus Govt Exec 3:40-42 Jan '71

IRS--five years of computers. Govt Exec 3:18 Apr '71

History

The common sense of computers. LtCol F. Boonham. illus tab Royal United Svcs Inst for Def Studies J 116:30-38 Sep '71

Legal Applications

Computers--saving for Maryland. illus Govt Exec 3:17 May '71

LITE--Legal Information Thru Electronics. TIG Brief 23:21 Dec 13 '71

Medical Applications

Computerized trauma registry: A new method for categorizing physical injuries. D.R. Boyd and others. illus tabs Aerosp Med 42:607-615 Jun '71

Hospitals to test lab computers. AF Times 32:8 Sep 15 '71

VA's Phil Budd: "Largest, most important area VA will be pursuing..." Govt Exec 3:30 Jun '71

COMPUTERS - ContinuedMilitary Applications

- Aircraft structural fatigue life program. illus Approach 17:42-45 Oct '71
- Automatic data processing (for field artillery). Maj James I. Warner. Fld Artilleryman, pp 55-59, Mar '71
- Avionics--military and civil. MajGen George E. Pickett. illus Signal 25:13-15 Jan '71
- Building for computers in Vietnam. LT Michael E. Weyler. illus Mil Engr 63:238-239 Jul-Aug '71
- Challenge of the computer. LtCol David H. Wagner. MarCor Gaz 55:51-52 Jan '71
- Challenging the DOD Blue Ribbon Panel (on ADPE procurement). Edward O. Joslin and Jack Wright. illus chart Govt Exec 3:41-44+ Feb '71
- Close the computer generation gap. Capt John P. McLaughlin. illus Translog 2:15-17 Jul '71
- The coming age of the talking computers. Edgar Ulsamer. illus AF & Space Dig 54:49-55 Jan '71
- Computer aided instructor. MSgt R.J. Reynolds and GySgt R.R. Sorensen. MarCor Gaz 55:52-53 Jan '71
- Computer-assisted OJT. 1stLt Russell J. Hibler. illus USAF Instrs J 9:59-62 Fall '71
- Computer displays for naval weapon and information systems. R. T. Pretty. illus Intl Def Rev 4:253-254 Jun '71
- Computer films eyed for military. illus AF Times 31:24 May 19 '71
- Computerized management information system. Maj Edgar A. Bradley. illus AF Compt 5:14-15 Mar '71
- Computers for military engineering. LtCol Robert G. MacLennan. Mil Engr 63:254-256 Jul-Aug '71
- A coordinator caper. (Aircrew Training Flow Coordination Division) MSgt Loren B. Leonberger. illus Airman 15:30-33 Apr '71
- Data systems 'Vietnamized.' AF Times 32:42 Dec 22 '71
- Defense management challenges of tomorrow. MajGen Thomas H. Scott, Jr. Def Mgt J 6:11-15 Feb '71
- Digital naval weapons control systems. R. D. S. Stubbs. illus Intl Def Rev 4:251-252 Jun '71
- How to beat operating costs. LCDR T. W. Goad. Signal 25:46-47 Apr '71
- IBM develops new System 4-Pi model. Signal 25:42 Apr '71
- The impact of technology on management. Joe C. Jones. illus Def Mgt J 6:16-18 Feb '71
- Mechanization and the application of computers in distribution. Col Robert E. Carlson. illus Def Trans J 27:34-37 Jan-Feb '71
- Megabits by bits, missile data grows. AF Times 31:38 Mar 10 '71
- The micro-miniaturized computer. Ralph S. La Montagne. illus tab Signal 25:25-28 Apr '71
- Navy's CAPT Fred Weihrich: Driving computer costs down. illus Govt Exec 3:28 Jan '71
- The need for combat simulation. LtCol R. E. Loeche. illus MarCor Gaz 55:18-27 Oct '71

COMPUTERS - ContinuedMilitary Applications - Cont'd

- Readout for tomorrow. (Computer science courses at AF Academy) William D. Madsen. illus Airman 15:18-20 Oct '71
- Real time truth no. 1. Capt J. T. Thomas. illus Tac Air Recon Dig 5:29-30 Feb '71; Real time truth no. 2. 5:29-31 Jun '71
- Restraining the data monster: The next step in C³ (Command, Control and Communications). George Weiss. illus Armed Forces J 108:26-29 Jul 5 '71
- Selecting team leaders. LtCol William J. Fiorentino and Maj Gary L. Silcott. tabs USAF Instrs J 9:39-43 Fall '71
- Signal interviews LtGen Richard P. Klocko. Signal 26:6-7 Sep '71
- Standardizing Army logistics. illus Translog 2:2-5 Nov '71
- The subcontractor and Navy 3M data. William R. Stanley. Log Spectrum 5:4-8 Summer '71
- System under pressure. Col Robert G. Hillman. illus map Mil Rev 51:11-17 Jun '71
- TACFIRE. Capt William W. Beverley. tab illus Fld Artilleryman, pp 24-35, Aug '71
- TACFIRE--an automated artillery fire direction system. illus tabs Intl Def Rev 4:150-154 Apr '71
- Tactical data handling in the Royal Navy. LtComdr J. Claisse. illus Intl Def Rev 4:436-439 Oct '71
- Teleprocessing. (Address, AFCEA, Washington, June 10, 1971) BrigGen Lee M. Paschall. Signal 25:88-91 Aug '71
- Two bits' worth on computers, generation gaps, and management. Maj Eugene P. Wagner. illus AU Rev 22:58-61 May-Jun '71
- UNIVAC ASW computer on time and working. Armed Forces J 108:17 Feb 1 '71
- Univac delivers computer for S-3A. illus Signal 25:40-41 Apr '71
- Vietnamization and the computer. Forest W. Horton, Jr. Def Mgt J 7:54-56 Fall '71
- WWMCCS--report, one year later. Govt Exec 3:19 Jan '71
- Warfare by computer. (Data automation in the Tactical Air Control System) LtCol Fred L. Crecelius. illus Tac Air Warfare Cen Qtr Rpt 2:28-35 Dec '70
- Weapons and equipment testing. Maj Richard D. James. illus Infantry 61:36-39 May-Jun '71
- A world of changing systems. Col Robert G. Hillman. illus Mil Rev 51:42-47 Dec '71

History

- Information systems--a contributor to modern man. (Address, AFCEA, Washington, June 8, 1970) BrigGen Lee M. Paschall for MajGen Joseph J. Cody, Jr) Signal 25:46-47 Aug '71

Navigational Applications

- AWADS (Adverse Weather Aerial Delivery System). Maj Jimmy D. Carver. Navigator 18, No. 3:16-17 '71
- C-5 navigational systems. Maj John R. Livingstone. illus map MAC Flyer 18:19-23 Apr '71

COMPUTERS - ContinuedNavigational Applications - Cont'd

Ocean surveillance--new weapon of naval warfare. CAPT Frank B. Murphy, Ret. illus US Nav Inst Proc 97:38-41 Feb '71

Understanding the A-7D inertial measurements system. Maj John C. Morrissey. illus tabs USAF Ftr Wpns Rev No. 3:1-6 Fall '71

Personnel Applications

Cadet AIDS (Administrative Information Data System): USAF Academy's unique data processing system. Kenneth W. Veatch. illus AF Compt 5:18-20 Nov '71

Computer-based welfare accounting speeds service in Georgia. Richard K.M. Bridges. illus Govt Exec 3:39+ Jul '71

Leave records merging (at AF Accounting and Finance Center). AF Times 32:6 Sep 29 '71

The Marine Corps task analysis program. Col Roy R. Van Cleve. illus Armed Forces Compt 16:24-27 Winter '71

Navy JUMPS at Navy Finance Center Cleveland. CDR James R. Johnson. illus Armed Forces Compt pt 1, JUMPS: Past, present and future. 16:22-26 Summer '71; pt 2, The continuing system. 16:4-6+ Fall '71

Our business is people--the USAF personnel system. MajGen Rene G. Dupont. illus AF Mag 54:43-47 Oct '71

Speed the news. Henry C. Sivewright. illus Army Dig 26:66-67 Feb '71

Simulation Programs

ATC training goes computerized (at Fort Rucker, Ala). CW2 Mike Sheley. illus USA Avn Dig 17:31-35 Dec '71

Computers aid tests. AF Times 32:17 Dec 29 '71

Selecting team leaders. LtCol William J. Fiorentino and Maj Gary L. Silcott. tabs USAF Instrs J 9:39-43 Fall '71

Space Flight Applications

Automatic devices for space exploration. V. Shvarev and V. Bulekov. Space World H-1-85:33-37 Jan '71

'Grand tour' spacecraft computer. P.J. Parker. Spaceflight 13:88+ Mar '71

Study and Teaching

'Computerese' taught at AF Academy. illus AF Times 31:31 Mar 31 '71

Readout for tomorrow. (Computer science courses at AF Academy) William D. Madsen. illus Airman 15:18-20 Oct '71

Transportation Applications

Automation of KLM. illus Interavia 26:402-404 Apr '71

CODILS (Commodity Oriented Digital Input Label System): Computer aid to transportation management. Capt E.D. Crooks. illus Translog 2:17-18 Feb '71

Cardpac! Joseph R. Simone. illus Translog 2:8-10 Aug '71

Close the computer generation gap. Capt John P. McLaughlin. illus Translog 2:15-17 Jul '71

COMPUTERS - ContinuedTransportation Applications - Cont'd

Computers in surface transportation--in the 70s and beyond. Ralph A. Hawkins. illus Def Trans J 27:31-33 Jan-Feb '71

Data coordination--is an integrated transportation system possible? Calvin D. Pease. illus Def Trans J 27:23-25 Jan-Feb '71

On course by computer. Jack L. Bailey. illus Def Trans J 27:56-59 Sep-Oct '71

The rail freight classification yard of the future. illus Def Trans J 27:48-49 Jul-Aug '71

They call it MACMS (Military Airlift Command Integrated Management System). LtCol Jack A. Evans. illus AF Compt 5:34-36 Nov '71

Transportation data coordination. Edward A. Guilbert. illus Def Trans J 27:26-31 Jan-Feb '71

Upgrading of ATC enroute centers at halfway mark--completion date now 1974. Charles D. LaFond. illus Govt Exec 3:60-61 Jun '71

CONCEPT FORMULATION

Future tank destroyers. LtCol John H. Phillips and Maj Howard J. Stiles. illus Armor 80:25-29 May-Jun '71

CONDUCT, MILITARYSee also

Americans in Foreign Countries
Standards of Conduct

A commentary on the Pueblo affair. Vincent Davis. illus Aerosp Hist 18:81-83 Jun '71

Fraternization issue remains muddled. AF Times 32:6 Nov 17 '71

Officer's sentence upheld (by Court of Military Appeals) for fraternizing with EM. AF Times 31:35 Jul 14 '71

Slander suit lost by Maj (Giles A. Wanamaker, Jr). AF Times 32:5 Sep 1 '71

Troublemakers face axe. Bruce Callander. AF Times 32:1 Sep 15 '71

What money can't buy. (Honorable discharge) SP4 Chuck Noland. illus Soldiers 26:24-25 Nov '71

CONFERENCES, AERONAUTICAL

Newnav--the 1971 IFALPA symposium (Frankfurt, Oct 5-7, 1971). T.M.B. Wright. Interavia 26:1421-1422 Dec '71

CONFERENCES, ASTRONAUTICALSee also

International Astronautical Federation

Applications satellites. (British Interplanetary Society Symposium, Southampton University, England, April 14-15, 1971) John Millburn. Spaceflight 13:305-308 Aug '71

European Space Conference: The UK position. Spaceflight 13:89 Mar '71

The 4th European Space Conference (2d session, Brussels, Nov 4-5, 1970). A.V. Cleaver. Spaceflight 13:108-110 Mar '71

The 4th Eurospace U.S.-European Conference. (Venice, Sep 21-25, 1970) C.R. Turner. Spaceflight 13:193-196 May '71

CONFERENCES, ASTRONAUTICAL - Continued

International moon conference. (Conference on Lunar Exploration, Newcastle-Upon-Tyne, England, March 22-26, 1971) Peter Goodwin. illus Space-flight 13:282-283 Aug '71

Seeking extra-terrestrial civilizations. (Symposium at Byurakan Astrophysical Observatory, Armenia, Sep 6-11, 1971) Spaceflight 13:464 Dec '71

CONFERENCES, COMMUNICATION

(Silver Anniversary Convention, Washington, May 7-10, 1971) illus Signal 25:entire issue Aug '71

CONFERENCES, MILITARY

AFA's Policy Resolutions for 1971-72. AF Mag 54:84-85 Nov '71

AFA's Silver Anniversary Convention (Washington, Sep 19-23, 1971)--meeting the challenge of AFA's second quarter century. Edgar Ulsamer. illus AF Mag 54:55-60+ Nov '71

The Air Force Association's 1971-1972 Statement of Policy. AF Mag 54:8-9 Nov '71

Britain and a European security conference. D.C. Watt. illus Royal United Svcs Inst for Def Studies J 116:35-38 Jun '71

Draft extension "essential," say AGs (at Annual Conference, Adjutants General Assoc, Santa Fe, NM, May 1971). illus Natl Guardsman 25:24-28 Jul '71

(Excerpts from AUSA's 1971 Annual Meeting, Washington, Oct 11-13, 1971) Eric C. Ludvigsen. illus Army 21:38-46 Nov '71

1st USAF Cost Symposium (Wright-Patterson AFB, Ohio, April 28-29, 1971). W.A. Smithson. illus AF Compt 5:21+ Nov '71

HQMC couldn't care more (1st MC wide company grade officers' symposium). LtCol David L. Althoff. illus MarCor Gaz 55:57-58 Nov '71

"High brass" to address (NGAUS 93d General) Conference (Honolulu, Hawaii, Sep 20-23, 1971). Natl Guardsman 25:33 Jul '71

The Honolulu (93d General) Conference (of NGAUS, Sep 20-23, 1971) illus Natl Guardsman 25:2+ Nov '71

NGAUS/AFA conclaves. (Summary of the NGAUS 93d General Conference, Honolulu, Hawaii, Sep 20-23, 1971 and AFA's Silver Anniversary Convention, Washington, Sep 19-22, 1971) illus Air Reservist 23:6-7 Nov '71

(Power for freedom) (Address, AFA's Silver Anniversary Banquet, Washington, Feb 5, 1971) LtGen James H. Doolittle, Ret. illus AF Mag 54:82-85 Apr '71

(Proceedings, 82d Annual Meeting, U.S. Armor Assoc, Fort Knox, Ky, May 13-15, 1971) illus Armor 80:25-49 Jul-Aug '71

Productive milestone--AFA's Silver Anniversary National Convention. (Report on AFA Convention, Washington, Sep 19-23, 1971) Don Steele. illus AF Mag 54:90-96 Nov '71

(Reports of ROA Mid-Winter Conference, Washington, Feb 18-19, 1971) illus Officer 47: entire issue Apr '71

The speakers. (Summary of the NGAUS 93d General Conference, Honolulu, Hawaii, Sep 20-23, 1971) illus Natl Guardsman 25:17-22+ Nov '71

CONFERENCES, MILITARY - Continued

The USAFE Comptroller Conference (Wiesbaden, W. Germany, Aug 24-26, 1971)--it produced a few 'firsts.' illus AF Compt 5:6-7+ Nov '71

Worldwide Comptroller Executive Session, Randolph AFB, Tex, March 18-19, 1971. Steve Canton. illus AF Compt 5:3-8 Jul '71

CONFERENCES AND CONVENTIONS

How to attend a conference. S.I. Hayakawa. (Reprinted from Etc, Autumn 1955) illus Armed Forces Compt 16:32-35 Fall '71

CONFIGURATION MANAGEMENT

Configuration management: Creative catalyst? Chester P. Buckland. illus Def Ind Bul 7:1-3 Winter '71

Managing configuration items. George A. Kanzaki and others. illus Def Ind Bul 7:35-37 Fall '71

CONFLICT OF INTERESTS

Employed in industry--retiree 'influence' refuted. AF Times 32:6 Aug 25 '71

Reg(ular) AF outs probed. AF Times 31:5 Jun 16 '71

Regular berths revoked. Jim Sample. AF Times 31:1+ Jun 2 '71

CONGRESS--U. S.

See also
Laws and Legislation

Added insurance authority asked by VA. AF Times 32:6 Oct 27 '71

Additional Culebra hearings promised. Armed Forces J 108:10 Aug '71

America's future on the seas. Scot MacDonald. illus Govt Exec 3:29-33 Jan '71

Annuity plan helps some, not others. AF Times 32:59 Dec 1 '71

Armed Services Committees gear up for a long legislative session. James D. Hessman and Kathryn B. Comer. illus tabs Armed Forces J 108:32-33+ Mar 1 '71

Army and Navy will develop own HLHs (Heavy Lift Helicopters)--if congressional criticism satisfied. Brooke Nihart. illus Armed Forces J 108:28-29+ Jun 7 '71

Army vehicles: Good quality, but can U.S. afford quantity needed? Brooke Nihart. illus Armed Forces J 109:30-31 Oct '71

Base 'motels' defended from attacks by industry. AF Times 32:10 Nov 3 '71

Bennett panel cites shipbuilding lag. tab Armed Forces J 108:14-15 Jun 21 '71

Big cut would hurt force--Laird. AF Times 31:8 Jul 14 '71

Big pay bill fails--Senate nixes extra money House voted. Bob Horowitz. AF Times 31:1+ Jun 9 '71

Big pay hike revived--Senate provides funds but drops BAQ raises. Bob Horowitz. tab AF Times 31:1+ Jun 23 '71

Bill aids handicapped war orphans. AF Times 31:24 May 19 '71

Bills help kin of war dead--retarded children, pregnant widows. AF Times 31:6 Jul 28 '71

Boost in DIC voted. AF Times 32:2 Nov 24 '71

CONGRESS--U.S. - Continued

Bum dope ("Report on Close Air Support Aircraft: The A-X, Harrier, and Cheyenne") and a stacked deck on close air support. Benjamin F. Schemmer. Armed Forces J 109:39-40 Oct '71

The case for the carrier. CAPT Wynn V. Whidden. illus tab US Nav Inst Proc 97:24-33 Jul '71

Close air support for the U.S. Armed Forces. illus Intl Def Rev 4:433 Oct '71

Club funds overhaul called for. Bob Horowitz. AF Times 32:1+ Nov 10 '71

Club investigators ask few changes. AF Times 32:54 Nov 24 '71

Conferees (House-Senate) approve \$2.4-billion pay hike. tabs Armed Forces J 108:12-13 Jul 19 '71

Conference on bill restores funds for TAC airlift groups. Officer 47:26 Feb '71

Congress and foreign military sales. Stanley L. Harrison. illus Mil Rev 51:79-87 Oct '71

Congress and President: NATO troop-reduction conflict. Stanley L. Harrison. illus Mil Rev 51:13-24 Sep '71

Congress, DOD gear up for new legislative session. Armed Forces J 108:10-11 Jan 18 '71

Congress delays action on pay bill. AF Times 32:1+ Aug 18 '71

Congress okays debt relief bills. AF Times 31:20 Jan 6 '71

Congress sees Cheyenne gunship in action at Yuma test ground. Armed Forces J 108:17 Feb 15 '71

Congress tells recruiters to avoid wild promises. AF Times 31:38 Apr 14 '71

Congressional critics renew sniping at C-5. AF Times 31:10 May 5 '71

Congressional limitation PCS travel expenditures. TIG Brief 23:17 Mar 12 '71

Congressman McCloskey on the draft. (Testimony before the House Armed Services Committee) Paul N. McCloskey, Jr. illus Armed Forces J 108:32-33+ Apr 5 '71

Cut budget ... raises ... probes--the year in Congress. Bob Horowitz. AF Times 31:13 Jan 6 '71

DOD, foreign relations panel disagree on Spain. Armed Forces J 108:9 Feb 1 '71

Defense prefers House's version (of pay raise). AF Times 31:4 Jun 23 '71

DepSecDef defends HLH award. Armed Forces J 108:22 Jun 21 '71

Dispute (over pulling American forces out of Vietnam) delays raises. Bob Horowitz. AF Times 31:1+ Jul 21 '71

Dollars or defense? Interview. F. Edward Hébert. illus Natl Guardsman 25:2-7 Jun '71

Draft extension, pay hike both considered likely possibilities. Armed Forces J 108:11-13 Mar 15 '71

Draft law "must be extended," NGAUS tells Senate (Armed Services) Committee. Natl Guardsman 25:22-23 Mar '71

Dual comp curb kept--Senate acts. tab AF Times 31:3 Jul 7 '71

Ervin introduces bill to try former servicemen. Armed Forces J 108:14 May 17 '71

CONGRESS--U.S. - Continued

Exchange, club payoffs probed. Bob Horowitz. AF Times 31:1+ Feb 24 '71

Exchanges told to cut prices. Bob Horowitz. AF Times 31:3 Jan 6 '71

Ex-military join Service panels. AF Times 31:10 Feb 17 '71

FY-1972 fund bill passed--Exercise (Reforger and Crested Cap) halt ordered. AF Times 32:1+ Dec 29 '71

Fast Hill decision due on pay. AF Times 31:11 Feb 24 '71

Fight snarls pay action--weeks off. Bob Horowitz. AF Times 31:1+ May 26 '71

First-term raise hangs. AF Times 32:5 Nov 3 '71

Fly pay changes advance. AF Times 32:1+ Dec 1 '71

Four-for-pay may end--rated proficiency flying attacked in House bill. Bruce Callander. AF Times 32:1+ Nov 24 '71

Fund woes excuse 500 more rateds. Bruce Callander. AF Times 32:1+ Dec 29 '71

Funds approved for more homes. AF Times 32:4 Nov 3 '71

Guard bills await action. Natl Guardsman 25:15 Dec '71

HASC critical of non-appropriated fund activities. Brooke Nihart. Armed Forces J 108:12+ Jan 4 '71

HASC panel urges early hearings on draft reform. tabs Armed Forces J 108:12-13 Jan 18 '71

Hardware requests OK'd by Senate unit. AF Times 32:5 Aug 18 '71

The hawk who wants peace--like a dove. Interview. F. Edward Hébert. illus AF Mag 54:45-48 Mar '71

Hearing ponders military charters. AF Times 32:48 Dec 8 '71

Hearings opened on GI Bill boost. AF Times 32:11 Dec 8 '71

Hébert names HASC subcommittees. Armed Forces J 109:10-11 Sep '71

Hill asks review of senior ranks--too many eagles, stars? Bob Horowitz. AF Times 32:1+ Nov 24 '71

Hill unit reduces raises. Bob Horowitz. tab AF Times 31:1+ May 5 '71

House Committee supports overseas charters system. AF Times 32:5 Dec 15 '71

House kills SST funds. AF Times 31:3 Mar 31 '71

House legislation OKs VA kin medical care. AF Times 32:15 Oct 6 '71

House OKs free mail for all troops o'seas. AF Times 32:2 Oct 20 '71

House OKs pay bill, test in Senate nears. Bob Horowitz. AF Times 31:1+ Apr 14 '71

House panel approves health manpower bill. Armed Forces J 109:14-15 Nov '71

House panel approves survivor benefit program. Armed Forces J 109:11-12 Sep '71

House panel eyes impact of benefits. Bob Schweitz. AF Times 31:1+ Jan 6 '71

CONGRESS--U.S. - Continued

House passes procurement bill, less F-14. Armed Forces J 108:18-19 Jul 5 '71

House starts probe of military manpower problems. James D. Hessman. illus Armed Forces J 109:55-56 Nov '71

House unit approves \$2.7-billion pay package; draft extended. James Hessman. tabs Armed Forces J 108:21-23 Apr 5 '71

House unit okays lawyer pro pay. AF Times 31:4 Jun 23 '71

House votes \$3 billion for shipbuilding. L. Edgar Prina. illus Sea Power 14:30-31 Dec '71

Increase in DIC okayed. tab AF Times 32:2 Dec 15 '71

Increasing U.S. Congress resistance to Pentagon programmes. Intl Def Rev 4:212 Jun '71

Iowa dove (Sen Harold) Hughes joins Senate military panel (and other committee assignments made). AF Times 31:19 Feb 10 '71

Is there a better way to spend \$60-billion per year? James D. Hessman. tab Armed Forces J 108:26-28 Apr 19 '71

Jan \$ hike nears vote--size unknown. Bob Horowitz. AF Times 32:1+ Oct 13 '71

Jan raise prospects improving. Bob Horowitz. AF Times 32:1+ Dec 15 '71

January 1 pay hike snagged again. Bob Horowitz. AF Times 32:1+ Dec 22 '71

Justice sought for Guard's technicians. Natl Guardsman 25:28 Nov '71

Key vote set on pay bill. AF Times 31:1+ Jun 2 '71

Lawmakers sound off on military matters. AF Times 31:50 Feb 17 '71

Leaders fight big pay hike. Bob Horowitz. AF Times 31:1+ Apr 28 '71

Lennon panel considers requirements for sealift, airlift. James D. Hessman. Armed Forces J 109:34-35 Oct '71

Looking ahead thirty years after the death of Mendel Rivers. Editorial. Officer 47:6 Feb '71

'Loudest of the hawks' takes over from Rivers. illus AF Times 31:11 Feb 3 '71

Main battle tank still in trouble with Congress, OSD. Brooke Nihart. illus Armed Forces J 108:36-37 Jun 21 '71

Major military bills face slow treatment in Senate. AF Times 32:2 Sep 22 '71

Medical school nears House OK. AF Times 32:16 Oct 13 '71

Military challenge in the 1970's. Stanley L. Harrison. illus MarCor Gaz 55:28-31 Jan '71

Military racism cited by (congressional black) caucus. Larry Phillips. AF Times 32:63 Dec 8 '71

Money bills take priority as Congress enters home stretch. James D. Hessman. tab Armed Forces J 109:10-12 Dec '71

More vet help pushed--(Sen) Hartke attacks job aid program. Larry Carney. AF Times 32:29 Dec 29 '71

Most Viet clubs, stores called corrupt in probe. AF Times 31:6 Mar 10 '71

NATO force cuts seen despite Mansfield defeat. Armed Forces J 108:14 Jun 7 '71

CONGRESS--U.S. - Continued

National cemeteries idea to get hearing in Senate. Army 21:53 Aug '71

New annuity plan holds big benefits for survivors. AF Times 32:55 Oct 6 '71

New bid to boost raises expected. Bob Horowitz. AF Times 32:4 Aug 11 '71

New military aid/sales plan faces Hill opposition. James D. Hessman. Armed Forces J 108:26-27 May 17 '71

New plan for F-14/F-15 shootout? Armed Forces J 108:15-16+ Apr 19 '71

'71 annuity bill unlikely--survivor package gathering dust. AF Times 31:3 Jan 13 '71

1972 pay raise: 7.4%--Senate unit cites figure while cutting current bill. Bob Horowitz. AF Times 31:1+ May 19 '71

Nixon doctrine budget faces major hurdle in Congress. James D. Hessman. tab Armed Forces J 108:24-25+ Feb 15 '71

No Jan hike; BAQ awaited. Bob Horowitz. AF Times 32:1+ Nov 17 '71

Non-lawyer makes good. James D. Hessman. illus Armed Forces J 108:10 Feb 1 '71

October hike bill snarled--'72 raise given new life. Bob Horowitz. AF Times 32:1+ Sep 22 '71

Packard favors speedup in proposed pay raise. AF Times 31:19 Apr 7 '71

Pay, BAQ raises voted for October. Bob Horowitz. tabs AF Times 31:1+ Jul 14 '71

Pay bill near OK in House. Bob Horowitz. tab AF Times 31:1+ Apr 7 '71

Pay bill survives--Nixon vow on boosts seen key. Bob Horowitz. tab AF Times 32:1+ Sep 29 '71

Pay doubled for ROTC, scholarships increased. AF Times 32:1+ Dec 1 '71

Pay hike passed--effective data unknown for biggest-ever raise! Bob Horowitz. tabs AF Times 32:1+ Oct 6 '71

Pay packages moving on the Hill. tab AF Times 31:1+ Mar 10 '71

Pay raise vote near--bill takes shape. Bob Horowitz. AF Times 31:1+ Mar 24 '71

(The Pike Bill) Officer pt 1, Pike Subcommittee report explains bill establishing military survivors benefits plan. 47:22 Nov '71; pt 2, Senate now has for consideration new bill for survivors benefits as passed by the House 47:22-23 Dec '71

Plane costs, complexity called risky. AF Times 32:3 Dec 22 '71

President signs pay legislation, annual increases in future. James D. Hessman. Armed Forces J 108:9-10 Jan 18 '71

Price freeze perils ROTC funds boost. AF Times 32:2 Sep 15 '71

'Promises' of Congress appear near fulfillment. AF Times 32:3 Aug 25 '71

Proxmire-Mathias defeated; DOD "saves" 1.7-million jobs. Armed Forces J 108:13-15 Jul 19 '71

Pullout support mounts. AF Times 31:2 Apr 14 '71

CONGRESS--U.S. - Continued

ROA urges Senate to increase ROTC incentives. (Excerpt of statement before Subcommittee on General Legislation) Col John T. Carlton. Officer 47:21 Dec '71

RSFPP revision likely. Bob Horowitz. AF Times 31:1+ Feb 3 '71

Raise hangs on Nixon--7.21 percent increase due Jan 1. Bob Horowitz. tab AF Times 32:1+ Dec 29 '71

Raise in ROTC pay nears final okay. AF Times 32:4 Nov 24 '71

Raises top civilian pay--still stalled. Bob Horowitz. AF Times 31:1+ Jul 28 '71

Recomputation: A campaign promise becomes a political liability. Bernadine M. Kopec. illus Armed Forces J 108:36-38 Mar 15 '71

Recruiting, retention are serious problems, Army officials tell congressional committee. Officer 47:19 Dec '71

Reduced air fare rapped. AF Times 32:8 Nov 24 '71

Reserves' position strengthened as Congress faces final debate on draft law; results of new studies of future roles, missions and strengths are awaited. Officer 47:7 Sep '71

Retired pay levy--House bill aids wives. AF Times 32:55 Oct 6 '71

Retiree pay attachment faces fight. Bob Horowitz AF Times 32:13 Nov 17 '71

The Ribicoff inquiry. Edward J. Michelson. illus Review 50:43+ May-Jun '71

Ruling against solons in Reserve exempts Guardsmen. Natl Guardsman 25:10-11 Jun '71

Salary plan, combat pay votes near. Bob Horowitz. AF Times 31:1+ Jun 30 '71

The Senate and security. Claude Witze. AF Mag 54:10-12 Nov '71

Senate blocks 'backdoor financing' of CVAN-70. Armed Forces J 108:14-15 May 3 '71

Senate committee approves \$21-billion weapons bill. Armed Forces J 109:13-14 Sep '71

Senate finds fault with pay package. Bob Horowitz. AF Times 31:1+ Feb 17 '71

Senate hike OK widens. George Foster. AF Times 31:1+ Jul 14 '71

Senate near vote on pay--June hike possible. Bob Horowitz. AF Times 31:1+ Apr 21 '71

Senate OK's \$70.8 billion--strength slash vetoed. Bob Horowitz. AF Times 32:62 Dec 8 '71

Senate orders crackdown on military club/PX system. Armed Forces J 109:12+ Dec '71

Senate panel approves \$70.2-billion appropriations bill--pushes prototype program. James D. Hessman. Armed Forces J 109:24 Dec '71

Senate panel hits overseas commitments. Armed Forces J 108:10-12 Jan 4 '71

Senate passes pay/draft bill. tab Armed Forces J 109:13-14 Oct '71

Senate probes fraud in clubs. Bob Horowitz. AF Times 31:1+ Mar 3 '71

Senate to act on pay. Bob Horowitz. AF Times 31:1+ May 12 '71

CONGRESS--U.S. - Continued

Senate votes new hike--big boost for lieutenants. Bob Horowitz. AF Times 32:1+ Oct 20 '71

Senate votes to retain addicts for treatment. Jim Sample. AF Times 31:15 Jun 23 '71

Senate's 'withdrawal' may spark struggle. AF Times 32:2 Oct 13 '71

(Sen Mike) Gravel amendment to fund Culebra replacement. Armed Forces J 108:15-16 Jun 21 '71

Senators praise sensors. AF Times 31:21 Mar 17 '71

\$66.6 billion OK'd for military spending. AF Times 31:4 Jan 13 '71

(Soviets now spending \$3 billion more than U.S. on military related R&D) LtGen Ira C. Eaker, Ret. AF Times 32:13 Sep 29 '71

Stakes high as Senate starts lengthy draft debate. Armed Forces J 108:13-14 May 17 '71

Summary, Philbin Subcommittee findings, recommendations and approvals for exchanges and commissaries. Rankin R. Boone. tabs Review 50:21-22--Jan-Feb '71

Super agency set in narcotics war. AF Times 31:4 Jun 16 '71

Survivor annuity clears (House Armed Services) Committee. AF Times 32:5 Sep 29 '71

Survivor benefits package gets top OSD endorsement. James Hessman. tab Armed Forces J 108:32-33+ May 3 '71

Tax relief bill nears enactment. AF Times 32:15 Dec 8 '71

3d 'illegal' Q payment (rent allowances) to go out this month. AF Times 32:10 Sep 22 '71

13 on Hill may lose AF Reserve status. AF Times 31:2 Apr 21 '71

'Top-heavy' services hit--rank examined. Bob Horowitz. AF Times 32:3 Oct 27 '71

\$2.7-billion raise OK'd. Bob Horowitz. AF Times 31:1+ Jul 7 '71

The Urban Mass Transportation Assistance Act of 1970--potentials and limitations. William H. Liskamm. illus Def Trans J 27:18-22 Jan-Feb '71

VA urges GI Bill benefit increase. AF Times 32:6 Dec 15 '71

Viet veterans insurance nears OK. AF Times 32:26 Oct 20 '71

Views of Vietnam war contrast sharply on Hill. AF Times 31:6 May 12 '71

Wage freeze complicates draft/pay bill extension. Armed Force J 109:10 Sep '71

What is wrong with Congress? David Webb. illus Govt Exec 3:71+ Oct '71

Widow annuity moves. Bob Horowitz. AF Times 32:1+ Nov 3 '71

Will the B-1 suffer the fate of the SST? GAO and dissenting congressional group mount wrongheaded attacks. George Weiss. illus Armed Forces J 108:20-21 May 17 '71

The year ahead--challenge for 1971. John A. Volpe. illus Def Trans J 27:16-17 Jan-Feb '71

CONGRESSIONAL MEDAL OF HONOR see Medal of Honor

CONGREVE, Sir William

Sir William Congreve--rocket pioneer. P.M. Molton. map Spaceflight 13:23 Jan '71

CONNALLY, Thomas T.

An alternative to the Connally reservation. Col William E. LeGro. illus Parameters 1:29-37 Spring '71

CONOLLY, Richard L.

ADM Richard L. Conolly: A perspective on his notions of strategy. LTJG Donald G. White. illus Nav War Col Rev 24:73-79 Nov '71

CONSCIENTIOUS OBJECTORS

Conscientious objector recommendations. TIG Brief 23:5 Jan 29 '71

Court limits CO rules. AF Times 31:4 Mar 24 '71

DOD issues 'objector' Directive (1300.6)--covers ethical belief. AF Times 32:3 Sep 15 '71

A different kind of courage. Lt Richard Harris and SP4 William A. Ward. illus Army Dig 26:30-32 May '71

Disposition of conscientious objectors. TIG Brief 23:9-10 Nov 19 '71

Latest criteria outlined for objector status. AF Times 32:38 Nov 10 '71

Spying, objector weighed (by Supreme Court). AF Times 32:58 Dec 1 '71

CONSTRUCTION see Building and ConstructionCONSULTANTS

A register of military consultants. LtCols Dandridge M. Malone and Walter C. Cousland. illus Parameters 1:38-41 Spring '71

CONTAINERS

CADS (Containerized Ammunition Distribution System). SP5 Eduardo E. Sanchez. illus Translog 2: 8-10+ Jul '71

Containerization and the Department of Defense. Vincent F. Caputo. illus Def Trans J 27:34-37 May-Jun '71

Containerization--where we are and what's ahead. Maitland S. Pennington. illus Def Trans J 27:30-32 May-Jun '71

Containers and contingencies. Claude O. Lanciano, Jr. illus US Nav Inst Proc 97:26-32 Sep '71

Continued training need for military packaging. AF Times 31:44 May 5 '71

Controlled atmospheres--a sophisticated way of shipping perishables. James R. Lugg. illus tabs Def Trans J 27:50-52 Jul-Aug '71

Dromedary container service enhances cargo security. 1stLt Charles J. Rouse. illus Translog 2:9-10 Oct '71

Fitting round pegs into square holds. illus Translog 2:15-17+ Aug '71

Intermodal transportation: Key to strategic mobility. Philip N. Whittaker. illus Def Trans J 27:22-26 Mar-Apr '71

Military containerization--impact on worldwide supply. A. Jack Mayor. illus Def Trans J 27:46-49 May-Jun '71

CONTAINERS - Continued

Military packaging. Herbert Lapidus. Regular feature in issues of Review

Modern independent management in rail container traffic--a European solution. Wolfman Bollhorn. illus Def Trans J 27:50-53 May-Jun '71

Modern truckers play an important role in international transportation trends. illus Def Trans J 27:32-35 Mar-Apr '71

Needed: A unified policy for intermodal transportation. S. Lynn Walton. illus Def Trans J 27:14-17 Nov-Dec '71

Packaging and Materials Handling Seminar. (DSA Convention, 1971) MajGen J. G. Kalergis and others. illus tabs Review 51:43+ Nov-Dec '71

Packaging for assembled external aircraft fuel tanks. TIG Brief 23:11 Oct 8 '71

Perishables by piggyback--a containerization "natural" for FGE (Fruit Growers Express)-WFE (Western Fruit Express). Cleo Mandes. illus Def Trans J 27:38-40 May-Jun '71

Port of Oakland--review for the future. Ben E. Nutter. illus Def Trans J 27:52-53 Mar-Apr '71

Services test off-shore unloading of containerships. illus Translog 2:10 Mar '71

The sociological aspects of containerization. J. Ph. Backx. illus Def Trans J 27:42-45 May-Jun '71

Tax on packaging? (Statement before the Finance Committee, New York City Council, 1971) Norman L. Dobyns. illus Review 51:36+ Sep-Oct '71

Unitization highlights. Regular feature in issues of Defense Transportation Journal

Testing

Testing containerized ammunition. Allen Storm. illus Army Log 3:24-25 Sep-Oct '71

CONTINENTAL AIR COMMAND see Headquarters Air Force ReserveCONTINENTAL AIR DEFENSE COMMAND see North American Air Defense CommandCONTINENTAL ARMY COMMAND

CONARC is pace-setter for Army in transition. Gen Ralph E. Haines, Jr. illus Army 21:33-39 Oct '71

Reserve expertise overseas. Maj James R. Compton. illus Soldiers 26:29-30 Jul '71

CONTRACTS, GOVERNMENT

Recent major defense contracts--value over \$1 million. Table only. Intl Def Rev 4:22 Feb '71

Great Britain

Customer support for overseas naval contracts. C. G. Milner. illus Intl Def Rev 4:50-51 Feb '71

United StatesSee also

Defense Contract Administration Services

A-X award irks Cessna; Senate nips at TFX again. AF Times 31:17 Jan 6 '71

Ad program brought results, surprises, questions. George Weiss. Armed Forces J 108:20-21 Jul 5 '71

Aerospace industry tells woes. Bruce Callander. AF Times 31:13 Jul 28 '71

CONTRACTS, GOVERNMENT - Continued

United States - Cont'd

Air Force program managers: Why all the praise? Interviews. Gen George Brown, MajGen Douglas T. Nelson, BrigGens Benjamin N. Bellis and Warner E. Newby and others. illus Govt Exec 3:34-35+ Jun '71

Air Force Systems Command: Rebuilding a lost image. Interview. Gen George S. Brown. illus Govt Exec 3:46-47+ Oct '71

Air Force's ALS (Advanced Logistics System)--vendor disenchantment. (Includes interview with MajGen Frederick E. Morris, Jr) illus Govt Exec 3:27 Jul '71

Army ad program results look encouraging so far--Army did solicit bigger agencies, contrary to data given Journal earlier. Armed Forces J 108:17-18+ May 17 '71

Army and Navy will develop own HLHs (Heavy Lift Helicopters)--if congressional criticism satisfied. Brooke Nihart. illus Armed Forces J 108:28-29+ Jun 7 '71

Army vehicles: Good quality, but can U.S. afford quantity needed? Brooke Nihart. illus Armed Forces J 109:30-31 Oct '71

The auditor and performance measurement. E. Joseph Hill. illus Def Ind Bul 7:15-17+ Fall '71

Back to class--Navy stresses real world (in procurement management program at Naval Postgraduate School). illus Govt Exec 3:30 Nov '71

Boeing lands contracts totaling \$157 million. AF Times 31:63 Jun 16 '71

Cancel contracts with think tanks. LtGen Ira C. Eaker. Ret. AF Times 31:13 Aug 4 '71

Can't win for losing. Philip N. Whittaker. illus Review 51:21+ Jul-Aug '71

A central point for administration of maintenance contracts--Air Force Contract Maintenance Center. Col Richard G. Schulz. illus chart Def Ind Bul 7:21-22+ Summer '71

Clothing and Textiles Seminar. (DSA Convention, 1971) A.W. Anthony and others. illus Review 51:53-54+ Nov-Dec '71

Comments on the problem of value assurance in government contracts. LtCol Howard F. Dick and Capt Richard A. Smith. illus AF JAG L Rev 13:96-115 Spring '71

Contract awards to bankrupt firms. TIG Brief 23:13 Sep 24 '71

Contract terminations. TIG Brief 23:22 May 7 '71

Contracting for major weapons systems. John M. Malloy. Def Mgt J 7:28-30 Fall '71

Contractor performance measurement. Maj Robert R. Kemps. illus Def Ind Bul 7:42-48 Summer '71

The Cost Accounting Standards Board--background, operation and status. Arthur Schoenhaut. illus Armed Forces Compt 16:22-25 Fall '71

DCAS role in contractor performance measurement. Nathaniel Ligols and CDR Robert L. Edlin. illus Def Ind Bul 7:48-50 Summer '71

DOD policy results in jobs for blacks. AF Times 32:15 Oct 6 '71

(Defense acquisition) policy highlights. Def Ind Bul 7:1-2 Fall '71

CONTRACTS, GOVERNMENT - Continued

United States - Cont'd

DepSecDef defends HLH award. Armed Forces J 108:22 Jun 21 '71

The F-5-21--some potential competition. Aerosp Intl 7:44 Jan-Feb '71

Fairchild-Hiller, Northrop to build A-X prototypes. illus Armed Forces J 108:17 Jan 4 '71

Firm rejects C-5 settlement. AF Times 31:18 Jan 20 '71

Funds control versus costs control. J. Ronald Fox. illus Army Log 3:4-7+ May-Jun '71

GAO report says defense profits less than on "comparable commercial work." James Hessman. tab Armed Forces J 108:20+ Apr 5 '71

G.E. will build engines for Spruance DDs. ADM William M. Callaghan. illus Armed Forces J 108:17 Jan 18 '71

Government procurement under the microscope (of Commission on Government Procurement). Leon Shloss. illus Govt Exec 3:35-37 Mar '71

Government tort liability and the safety function in the Air Force Contract Management Division. BrigGen Morton J. Gold. illus AF JAG L Rev 13:3-11 Winter '71

How to implement our sound weapons systems acquisition policies. Barry J. Shillito. Def Mgt J 7:22-27 Fall '71

Job disclosure begins (for) retirees in Defense work. AF Times 31:6 Jun 9 '71

Laird orders 'crackdown' on Rand Corp security. Armed Forces J 108:15-17 Jul 19 '71

Limitation of contractor liability for defective supplies. TIG Brief 23:5 Mar 26 '71

Lockheed agrees to accept loss. Armed Forces J 108:14 Mar 1 '71

Lockheed will go to court on C-5A claims. Armed Forces J 108:14-15+ Jan 18 '71

Logistics support business administration. William F. O'Dell, Jr. illus tabs Log Spectrum 5:24-29+ Summer '71

Lowering construction costs. TIG Brief 23:16 Mar 12 '71

Major defense systems acquisition. Interviews. David Packard, John S. Foster, Jr and Barry J. Shillito. Ordnance 56:198-201 Nov-Dec '71

Management of system acquisition programs in the Air Force. MajGen Lee B. Gossick. illus Def Ind Bul 7:23-29 Summer '71

Method for relating multiple performance parameters to a single incentive uniquely. B. Ostrofsky and E. G. Triner. illus Log Spectrum 5:25-31+ Winter '71

The military industrial complex in perspective. Maj C. J. Wolk. illus tab MarCor Gaz 55:36-44 Aug '71

Monitoring the contractor's planning and control systems--C/SPCS. LtCol Richard J. Lovette and Burt Roth. illus tabs Log Spectrum 4:27-32 Winter '70

NASA fights for the space shuttle programme. Interavia 26:1018 Sep '71

NASA funds study for new SST design. Armed Forces J 108:19-20 May 3 '71

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

- Navy, Litton look ahead to long-term partnership, but all is not roses down among the magnolia blossoms. James D. Hessman. illus Armed Forces J 108:32-34 Mar 15 '71
- The need for teamwork. David Spear. Ordnance 56:206-208 Nov-Dec '71
- Needed: Basic federal procurement principles. Donald N. Pitts. illus Govt Exec 3:49+ Nov '71
- The nuclear submarine race: Neck-and-neck today, U.S. in second place by 1976? Norman C. Polmar. illus tab Armed Forces J 108:34-36+ Jan 18 '71
- Our most important assets--people, money. Col Robert F. Trimble. illus Review 50:14-16+ May-Jun '71
- PROMAP-70: System engineering process. E. Oakley Drumheller, Jr and others. illus Def Ind Bul 7:4-9 Winter '71
- Packard directs Navy to overhaul F-14 program: Production to be cut. Armed Forces J 108:21-22 Jun 21 '71
- Procurement attitude for the 70s. TIG Brief 23:15 Dec 31 '71
- Profit--policy changes coming up. Govt Exec 3:26-27 Apr '71
- Retiree irritant added. Bob Schweitz. AF Times 31:1+ Jan 27 '71
- The role of the comptroller (in weapon system acquisition). Robert C. Moot. illus Def Mgt J 7:16-21 Fall '71
- "Should cost." T. Arthur Smith. illus Armed Forces Compt 16:20-23 Winter '71
- Small Business Act (1953). TIG Brief 23:3 Jun 4 '71
- Small business specialists. TIG Brief 23:16 Mar 12 '71
- Small firms thrive. AF Times 32:26 Oct 13 '71
- Source selection scheme for Scout system. Marvin Rich. illus Def Ind Bul 7:19-21 Winter '71
- Streamlining management. (Remarks, DOD-NSIA Symposium, Washington, Aug 12, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 10:17-25 Oct '71
- Study urges overhaul of source selection ground rules. Benjamin F. Schemmer. Armed Forces J 108:28 Mar 1 '71
- The subcontractor and Navy 3M data. William R. Stanley. Log Spectrum 5:4-8 Summer '71
- Subsistence Seminar. (DSA Convention, 1971) MajGen John D. McLaughlin and Maj Joseph V. McGrail. illus Review 51:85-88+ Nov-Dec '71
- A "system" for disengagement in contract administration services. William V. Gordon. Def Mgt J 7:54-57 Spring '71
- Systems engineering in Army Aviation. Truxtun R. Baldwin. illus chart Army Log 3:8-11+ Nov-Dec '71
- There's so much to be done. J. Ronald Fox. illus Armed Forces Compt 16:29-34 Spring '71
- Toward better management of the development and acquisition of new weapons systems. (Adapted from testimony before House Appropriations Committee, March 18, 1971) David Packard. Def Mgt J 7:2-7 Fall '71

CONTRACTS, GOVERNMENT - ContinuedUnited States - Cont'd

- A tree grows in the Pentagon. Col John E. Bex. illus AU Rev 22:84-88 Mar-Apr '71
- Trends in the weapons systems acquisition process. Maj James B. Lincoln. illus tab Mil Rev 51:40-52 Aug '71
- Volunteer Army ad contract let. Armed Forces J 108:13-14 Feb 15 '71
- What should weapons systems cost? LtCol Richard J. Lorette. illus Govt Exec 3:62-63+ Apr '71
- Where the defense industry is headed. Benjamin F. Schemmer and others. illus tabs Armed Forces J pt 1, What did the assault on the 'MIC' really cost? 108:24-27+ Mar 1 '71
- Will fate of President Nixon's all-volunteer Force hinge on 'competition' for nation's 50th largest ad contract? Benjamin F. Schemmer and George F. Weiss. illus tab Armed Forces J 108:40-42+ Mar 15 '71

CONTROL TOWERS

- Will the true pro please "shaddup!" Capt Joe L. Tilghman. illus USA Avn Dig 17:2-5 Apr '71

CONVENTIONS see Conferences and ConventionsCONVERSION see Equipment Conversion; Ships--ConversionCOOPERATION see International Cooperation; Inter-service CooperationCOPELAND, Silas L.

- "Let's build a better Army." Interview. SGM Silas L. Copeland. por Soldiers 26:5-7 Jul '71
- Man to man. SGM Silas L. Copeland. por Soldiers 26:4 Dec '71
- Winding down of war calls for top leaders. SGM Silas L. Copeland. por Army 21:26-27 Oct '71

CORDES, Harry N.

- The strategic threat. BrigGen Harry N. Cordes. illus AF Mag 54:51-55 Jul '71

CORRESPONDENCE SCHOOLS AND COURSESSee also

- Armed Forces Institute
Extension Course Institute
- Air War College. illus Air Reservist 23:12-13 Apr '71
- Air War College associate programs. TIG Brief 23:13 Nov 5 '71
- Associate plan offered by AWC. AF Times 31:6 Jun 30 '71
- Noncommissioned Officers Education System. MSgt Bennie L. Fagan. illus Infantry 61:16-18 Jan-Feb '71
- Two-year route to an Army War College diploma. Col Paul Goodman. illus Army Dig 26:49-50 Mar '71

CORROSION

- They all come clean (at PACAF corrosion control facility, Kadena, Okinawa). Ed Blair. illus Airman 15:36-39 Jun '71

COSMONAUTICS see Space FlightCOSMONAUTS see Astronauts

COST ACCOUNTING STANDARDS BOARD

The Cost Accounting Standards Board--background, operation and status. Arthur Schoenhaut. illus Armed Forces Compt 16:22-25 Fall '71

COST ANALYSISSee alsoEconomic Analysis

Army's (Director of Cost Analysis) T. Arthur Smith: "Detail is comfortable psychologically." illus Govt Exec 3:45 Oct '71

Automated life cycle costing. Frederick M. Chakour. illus tab Army Log 3:12-15+ Mar-Apr '71

Cost analysis for decision making. Ruth E. Dynes. Log Spectrum 4:18-21 Winter '70

Discounting for weapon systems acquisition--why not? Maj Joseph D. Arcieri. illus tabs Armed Forces Compt 16:6-9 Winter '71

1st USAF Cost Symposium (Wright-Patterson AFB, Ohio, April 28-29, 1971). W.A. Smithson. illus AF Compt 5:21+ Nov '71

Management uses of cost information. Maj Frederick T. Walker. tabs AU Rev 22:64-71 Jul-Aug '71

Military Construction Program (MCP) cost goals. TIG Brief 23:6 Feb 12 '71

Monitoring the contractor's planning and control systems--C/SPCS. LtCol Richard J. Lovette and Burt Roth. illus tabs Log Spectrum 4:27-32 Winter '70

Optimal test sequencing in independent serial systems. R. L. Street and others. illus tabs Log Spectrum 5:26-29 Fall '71

Output--how to measure it. Ivon W. Ulrey. illus Armed Forces Compt pt 1, 16:3-5 Winter '71; pt 2, 16:5-8 Summer '71

Output measurement at the USAF Academy. Maj Jesse W. Hughes. illus Armed Forces Compt 16:13-17 Winter '71

Output related cost factors for the Operations and Maintenance (O&M) appropriation. MajGen Autrey J. Maroun. illus Armed Forces Compt 16:13-17+ Fall '71

Output: Why measure it? Ivon W. Ulrey. illus Armed Forces Compt 15:18-21+ Fall '70

Practical problems in pricing data items. (Address, 11th Annual Meeting, Engineering Data Management Section, American Ordnance Assoc, Los Angeles, May 6-8, 1969) Joseph Mazia. Log Spectrum 4:22-24 Winter '70

Repair or throwaway--graphic screening techniques help supply the answer. James K. Segar. illus Log Spectrum 5:18-25 Fall '71

The role of the military comptroller. Eckhart Bennewitz. illus Armed Forces Compt 16:9-12 Summer '71

The second challenge--new horizons for the comptroller cost analysis program. LtCol Norman B. Davis. illus AF Compt 5:14-15 Jul '71

"Should cost." T. Arthur Smith. illus Armed Forces Compt 16:20-23 Winter '71

There's so much to be done. J. Ronald Fox. illus Armed Forces Compt 16:29-34 Spring '71

COST AND STANDARD OF LIVING

BAQ too low in DC. AF Times 31:2 Apr 21 '71

COST AND STANDARD OF LIVING - Continued

BX, commissary price hikes seem likely. AF Times 32:4 Sep 8 '71

Commissary parley set--uniform pricing sought. AF Times 32:8 Sep 1 '71

Cost-of-living cash reprieved at Naples. AF Times 31:8 Mar 10 '71

Griffiss (AFB, NY) gets low-cost (off-base) housing. Jim Sample. AF Times 32:1+ Sep 8 '71

Housing rates o'seas to rise. Randall Shoemaker. AF Times 32:1+ Dec 8 '71

Lawmakers told civilians gaining in fringe benefits. AF Times 31:6 Jul 14 '71

O'sea pay won't rise--allowances frozen. AF Times 32:3 Sep 8 '71

Overseas freeze relief refused. AF Times 32:6 Sep 29 '71

Retired outlay forecast. AF Times 32:1+ Aug 11 '71

Retiree hike seen for June. AF Times 31:2 Mar 17 '71

Retiree pay hike seen in January (1972). AF Times 31:4 Jul 7 '71

Retirement abroad: Spain still low in cost. Bob Jones. map AF Times 31:28 Apr 28 '71

Slash in living allowance hits servicemen in Italy. AF Times 32:10 Nov 17 '71

Versions of bill also vary COLA. AF Times 31:4 Jun 9 '71

COST CONTROL

Contractor performance measurement. Maj Robert R. Kemps. illus Def Ind Bul 7:42-48 Summer '71

The Cost Accounting Standards Board--background, operation and status. Arthur Schoenhaut. illus Armed Forces Compt 16:22-25 Fall '71

Cost analysis for decision making. Ruth E. Dynes. Log Spectrum 4:18-21 Winter '70

Cost reduction: A by-product of well managed maintenance. H. R. Lopez. illus Log Spectrum 5:36-38 Winter '71

Costing logistics support for the Scout. illus Army Log 3:12-13+ May-Jun '71

DCAS role in contractor performance measurement. Nathaniel Ligols and CDR Robert L. Edin. illus Def Ind Bul 7:48-50 Summer '71

Effective cost/quality control management. TIG Brief 23:5 Jan 15 '71

Financial environment of defense. Robert C. Moot. illus tabs Def Ind Bul 7:9-12 Fall '71

Funds control versus costs control. J. Ronald Fox. illus Army Log 3:1-7+ May-Jun '71

"How much does it cost" pamphlet. tab TIG Brief 23:19-20 Dec 31 '71

A logistics challenge: Reduce distribution costs. LtGen Earl C. Hedlund. illus Def Ind Bul 7:42-44 Spring '71

Logistics support business administration. William F. O'Dell, Jr. illus tabs Log Spectrum 5:24-29+ Summer '71

Our most important assets--people, money. Col Robert F. Trimble. illus Review 50:14-16+ May-Jun '71

PRIME 70 effectiveness in a SEA tactical unit. Col Donald N. Stanfield. illus AF Compt 5:16-17 Jul '71

COST CONTROL - Continued

Practical problems in pricing data items. (Address, 11th Annual Meeting, Engineering Data Management Section, American Ordnance Assoc, Los Angeles, May 6-8, 1969) Joseph Mazia. Log Spectrum 4:22-24 Winter '70

The role of the comptroller (in weapon system acquisition). Robert C. Moot. illus Def Mgt J 7:16-21 Fall '71

Streamlining management. (Remarks, DOD-NSLA Symposium, Washington, Aug 12, 1971) Gen George S. Brown. AF Pley Ltr for Comdrs: Sup No. 10:17-25 Oct '71

COST EFFECTIVENESSSee also

Efficiency

Value Analysis

Accurate cost accounting. Maj Robert D. Mulcahy. MarCor Gaz 55:53-54 Jul '71

Army in Europe set to test filled milk. AF Times 31:13 Jun 23 '71

Automation for effective telecommunications. James W. Madden. illus Signal 26:11-13 Nov '71

Bankruptcy and the FMF commander. Maj L.J. Scolforo, Jr. illus MarCor Gaz 55:21-26 Apr '71

Communications discipline. Col A.J. Sabel. Signal 25:44-46 May '71

A cost effective approach to integrated logistics support. Stanley Duhan and Daniel J. Million. illus tab Log Spectrum 5:12-17 Fall '71

Effective cost/quality control management. TIG Brief 23:5 Jan 15 '71

Examining the cost/effectiveness of automated data systems: A common sense approach to common sense. John M. Carabello. illus tabs Armed Forces Compt 16:7-12+ Fall '71

Integrated logistics support and life cycle management. Lew Williams. Log Spectrum 5:8-9+ Spring '71

Monitoring the contractor's planning and control systems--C/SPCS. LtCol Richard J. Lovette and Burt Roth. illus tabs Log Spectrum 4:27-32 Winter '70

The need to do more with less. BrigGen Jack B. Robbins. illus Signal 25:18-21 May '71

COST OF LIVING see Cost and Standard of Living

COST REDUCTION PROGRAMSee also

Resources Conservation Program

Frugality: A state of mind. LtCol P.D. Reissner, Jr. MarCor Gaz 55:46-47 Mar '71

Paperwork slashed in cost-cutting plan. Tony McHale. AF Times 31:2 Feb 3 '71

COUNCIL OF MUTUAL ECONOMIC ASSISTANCE

Programme for the consolidation of socialism on earth. Vasily Yefremov. Soviet Mil Rev No. 10: 53-54 Oct '71

COUNSELING

Air Force Academy's 'foster' alumni (liaison officers). illus Air Reservist 23:12-13 May-Jun '71

Counseling push seeks retention. AF Times 31:6 Feb 10 '71

COUNSELING - Continued

Drug abuse telephone counseling service. TIG Brief 23:14 Nov 19 '71

The individual approach in career counselling. CDR John T. Gelke. US Nav Inst Proc 97:87-88 Jan '71

The inspector general complaint system. TIG Brief 23:7-8 May 7 '71

Job seminars planned. AF Times 32:3 Oct 13 '71

Retention figures improve. George Foster. AF Times 31:1+ Jun 9 '71

Re-up briefing planned. AF Times 32:20 Aug 11 '71

She (Mrs Mary Pumphrey) makes it a personal thing. Patricia A. Thomasson. illus Translog 2:16-18 Jun '71

2 retention efforts (Palace Gold and Palace Leader) show early payoff. AF Times 31:2 Mar 31 '71

The unmaking of the military 'brat.' Jo Ann Wendt. illus AF Times, Family sup:6-8+ Dec 15 '71

Methodology

Effective counseling. Capt Ronald P. Centanni. USAF Instrs J 8:43-45 Winter '70-'71

COUNTERINSURGENCYSee also

COIN Aircraft

Counter insurgency--the problem of prisoners. Simon Hutchinson. Royal United Svcs Inst for Def Studies J 116:48-51 Sep '71

Counterinsurgency instruction. 1stLt Robert J. Black. illus USAF Instrs J 9:4-8 Fall '71

Follow 'em down--unit fragmentation. Capt Dennis D. Collins. illus Infantry 61:44-49 Sep-Oct '71

Rx the insurgent: Locate, isolate, eradicate. LtCol John C. Gazlay. illus Armor pt 1, 80:38-43 Nov-Dec '71

Study and Teaching

SOS (Special Operations School)--counter to communism. illus AF Times 31:24 Jan 6 '71

COUNTERMEASURESSee also

Electronic Countermeasures

COURAGE

Manhood vs safety. Chaytor Mason. illus Approach 16:20-22 Jun '71

COURIER SERVICE

Handy summary of courier rules (for transmitting and transporting classified information). tab TIG Brief 23:14-15 Aug 6 '71

Two miles to limbo. (USAF couriers assigned to Paris peace talks) MSgt L. B. Leonberger. illus Airman 15:37-39 Dec '71

COURT OF CLAIMS

RIF pay rules altered by Court (of Claims). AF Times 31:20 Mar 3 '71

Vet (Harvey Davis) denied back pay. AF Times 32:58 Dec 1 '71

COURT OF MILITARY APPEALS

Black justice (Robert M. Duncan) nears Appeals Court okay. AF Times 32:3 Oct 6 '71

COURT OF MILITARY APPEALS - Continued

- 'Disloyalty' appeal heard--Roger Priest case. AF Times 31:5 Jul 7 '71
- Military jurisdiction. Col Mayo L. Mashburn. illus AU Rev 22:34-43 May-Jun '71
- Officer (2dLt Richard S. Hale) not guilty of avoiding war. AF Times 31:2 Jan 20 '71
- Officer's sentence upheld (by Court of Military Appeals) for fraternizing with EM. AF Times 31:35 Jul 14 '71
- Roger Priest's conviction for disloyalty reinstated. AF Times 32:54 Sep 15 '71
- Two court-martial convictions reversed. AF Times 31:50 Aug 4 '71

COURT OF MILITARY REVIEWAir Force

- Search ruled legal (by Air Force's Court of Military Review) in pusher's conviction. AF Times 32:35 Nov 10 '71
- Two (Sgt Frederick J. Rondo, Amn Raymond Sulin) lose appeal bids; face prison, discharges. AF Times 32:58 Dec 1 '71

Navy

- 'Disloyalty' appeal heard--Roger Priest case. AF Times 31:5 Jul 7 '71

COURTS-MARTIALSee also

- Court of Military Review
- Military Justice Act of 1968
- Uniform Code of Military Justice
- Aftermath of a court-martial: The unanswered questions. Col Robert D. Heintz, Jr. Armed Forces J 108:36-38 Apr 19 '71
- Court-martial experiment to cut 'influence' begins. Jim Sample. AF Times 31:13 Jun 16 '71
- Court-martial jurisdiction since O'Callahan. LtCol Harold L. Miller. illus Mil Rev 51:77-85 Jan '71
- Crime without punishment--ex-servicemen, civilian employees and dependents. illus AF JAG L Rev 13:184-201+ Summer '71
- 'Disloyalty' appeal heard--Roger Priest case. AF Times 31:5 Jul 7 '71
- Equal treatment in court asked. AF Times 31:5 Jun 16 '71
- London protest trial--anti-war officer (Capt Thomas L. Culver) fined. AF Times 31:5 Jul 28 '71
- Military can try on-base crimes. Jim Sample. AF Times 31:1+ Mar 10 '71
- Military jurisdiction. Col Mayo L. Mashburn. illus AU Rev 22:34-43 May-Jun '71
- Military trials of civil crimes. Maj John R. Thornock. illus Mil Rev 51:88-96 Dec '71
- Officer (2dLt Richard S. Hale) not guilty of avoiding war. AF Times 31:2 Jan 20 '71
- Officer's sentence upheld (by Court of Military Appeals) for fraternizing with EM. AF Times 31:35 Jul 14 '71
- Reversals seen for 500,000 courts-martial. AF Times 31:5 Aug 4 '71
- Sarge's sideburns cost stripes. AF Times 32:19 Aug 11 '71

COURTS-MARTIAL - Continued

- Thundering silence, instead of a public accounting. Editorial. Benjamin F. Schemmer. Armed Forces J 108:4 Feb 15 '71
- The tragedy of Gen Donaldson: Victim of antimilitary hysteria? Col Robert D. Heintz, Jr. Armed Forces J 108:19 Jun 21 '71
- Two court-martial convictions reversed. AF Times 31:50 Aug 4 '71
- USAF judiciary pilot project. TIG Brief 23:5 Jul 2 '71

History

- The Custer court-martial. Col John O. Shoemaker. illus map Mil Rev 51:36-47 Oct '71
- Military trials of civil crimes. Maj John R. Thornock. illus Mil Rev 51:88-96 Dec '71

CRASH BARRIER see Airplanes, Military--Arresting Gear

CREATIVITY

- Creativity: Stymied or stimulated? Col Richard J. Stillman, Ret. illus Mil Rev 51:67-72 Dec '71
- Innovation stimulation. Maj Edward C. Kraft, Jr. USAF Instrs J 9:33-35 Summer '71
- Military creativity. Roger A. Beaumont. illus Mil Rev 51:3-8 May '71

CREDIT

- Credit financing of military export sales. Frank J. Fede. illus tabs Def Ind Bul 7:34-37 Spring '71
- The law and you. AF Times, What divorce proceedings entail. 31:30 Jan 6 '71; Several methods finalize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose. 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

CREDIT UNIONS

- Comptrollers, credit, and credit unions. LtGen Herman Nickerson, Jr, Ret. illus Armed Forces Compt 16:11-12 Winter '71
- Your dollars make dollars. Lt Harry J. Kingdom. illus Army Dig 26:10-12 Mar '71

CRIMES AND MISDEMEANORSSee also

- Fraud
- Prisoners and Prisons
- AWOL. Capt Fenley D. Stafford, Jr. illus Infantry 61:38-41 Jul-Aug '71
- AWOL dragnet. SSgt Don Mallicoat. illus Soldiers 26:6-7 Nov '71
- The Army's halfway house (Correctional Training Facility, Fort Riley, Kan). Henry B. Jameson. illus Army 21:30-32 Nov '71
- Commitment or cop out? Maj Robert F. Elliot. illus Soldiers 26:4-6 Nov '71

CRIMES AND MISDEMEANORS - Continued

Court-martial jurisdiction since O'Callahan. LtCol Harold L. Miller. illus Mil Rev 51:77-85 Jan '71

Crime fighters of the silent service--U.S. postal inspectors. Robert Horton. illus Army Dig 26: 26-30 Mar '71

Crime without punishment--ex-servicemen, civilian employees and dependents. illus AF JAG L Rev 13:184-201+ Summer '71

Criminal responsibility: The new federal rule v military law. Capt John A. Cutts III. illus AF JAG L Rev 13:202-223 Summer '71

Desertion and unauthorized absenteeism. TIG Brief 23:9 Jan 29 '71

Drug abuse: Out in the open. CDR Herbert T St Omer Woolley and LCDR Lee H. Beecher. illus tabs US Nav Inst Proc 97:18-35 Nov '71

Ervin introduces bill to try former servicemen. Armed Forces J 108:14 May 17 '71

FBI agents teach class at Keesler (AFB, Miss). AF Times 31:33 Jan 13 '71

The government approach to the cargo security crisis. (Adapted from addresses, Joint Conference on the Cargo Security Crisis, Washington, June 17-18, 1971) Alan Bible and others. illus Translog 2:2-5+ Jul '71

In the words of a barracks thief. SSgt Don Mallicoat. illus Soldiers 26:46-47 Nov '71

Kickback cases dropped. AF Times 31:19 Jun 9 '71

Lowry (AFB, Colo) group salvages airmen--penal reform model. Jim Sample. illus AF Times 31:22 May 19 '71

Military can try on-base crimes. Jim Sample. AF Times 31:1+ Mar 10 '71

Military discipline & national security. Gen Hamilton H. Howze, Ret. illus Army 21:11-15 Jan '71

Military jurisdiction. Col Mayo L. Mashburn. illus AU Rev 22:34-43 May-Jun '71

Military trials of civil crimes. Maj John R. Thornock illus Mil Rev 51:88-96 Dec '71

Minot noncom faces Filipino kidnap trial. AF Times 32:16 Oct 27 '71

Official duty cases under status of forces agreements: Modest guidelines toward a definition. Will H. Carroll. illus AF JAG L Rev 12:284-289 Fall '70

Over-hill airmen trigger timetable. AF Times 31:19 Jan 13 '71

Reversals seen for 500,000 courts-martial. AF Times 31:5 Aug 4 '71

Safeguarding firearms, ammunition, and explosives. TIG Brief 23:16 Jul 23 '71

Search ruled legal (by Air Force's Court of Military Review) in pusher's conviction. AF Times 32:35 Nov 10 '71

Theft and vandalism at postal facilities. TIG Brief 23:9-10 Dec 31 '71

Theft in exchanges declines for FY '71. AF Times 31:5 Jul 28 '71

Iwo (Sgt Frederick J. Rondo, Amn Raymond Sulin) lose appeal bids; face prison, discharges. AF Times 32:58 Dec 1 '71

CRIMES AND MISDEMEANORS - Continued

Use of personal mail drop boxes for dispatch of official mail in overseas locations. TIG Brief 23:7 Oct 8 '71

CROOK, George

His weapons were justice, fair dealing. LtCol Martin Blumenson and James L. Stokesbury. por Army 21:45-48 Mar '71

CROSS, James U.

(BrigGen) Cross to retire, former LEJ pilot (and other general officer actions announced). AF Times 31:8 Apr 14 '71

CRUISERS

The wreck of the Iacoma. RADM Kendall S. Reed, Ret. illus US Nav Inst Proc 97:74-76 Jan '71

History

Remember the Rochester. Capt Gordon F. Ogilvie, Ret. illus US Nav Inst Proc 97:68-70 Jan '71

CRYPTOGRAPHY

The unbreakable code (Navajo Indian Code Talkers). Isabel Simmons. MarCor Gaz 55:59 Nov '71

CUBA

Bay of Pigs revisited. Col Joseph E. Muckerman II. illus maps Mil Rev 51:77-85 Apr '71

Foreign RelationsUnited States

Castro's Berlin Wall--Coast Guard Cuban Patrol helps refugees who will not be stopped. H. R. Kaplan. illus map Sea Power 14:14-20 Nov '71

CUBAN CRISIS, 1962

Public diplomacy and the missiles of October. (Research paper, College of Naval Warfare, 1971) G. Scott Sugden. illus map Nav War Col Rev 24:28-43 Oct '71

CULEBRA

Additional Culebra hearings promised. Armed Forces J 108:10 Aug '71

Culebras win; Navy to be out by 1975. Armed Forces J 108:12 Apr 19 '71

Navy signs agreement with Culebras to limit firing. map Armed Forces J 108:14 Jan 18 '71

(Sen Mike) Gravel amendment to fund Culebra replacement. Armed Forces J 108:15-16 Jun 21 '71

CUNEO, Richard T.

BrigGen R. T. Cuneo named to No. Two post (Deputy Chief) in Army Reserve. por Officer 47:19 Sep '71

CUNNINGHAM, Joseph A.

Alaskan Air Command. por AF Mag 54:104-106 May '71

CUSHMAN, Robert E., Jr

Marine Commandant race wide open. Armed Forces J 109:21 Nov '71

CUSTER, George A.

The Custer court-martial. Col John O. Shoemaker.
map por Mil Rev 51:36-47 Oct '71

Custer: The Little Big decisions. BrigGen S. L. A.
Marshall, Ret. por Army 21:34-41 Jun '71

CUSTOMS, MILITARYSee also

Traditions, Military

Hair! Hair! William A. Kinney. illus Airman 15:12-18
Feb '71

CUSTOMS SERVICE

Antidrug smuggling program. TIG Brief 23:13
Nov 19 '71

Customs getting tougher--new screening set up.
AF Times 31:16 Jun 2 '71

CUSTOMS SERVICE - Continued

Customs inspection of unaccompanied baggage con-
taining explosives. TIG Brief 23:16 May 7 '71

Customs to inspect parcels for drugs. AF Times
31:2 May 26 '71

Drug hunt allows opening of letters. AF Times 31:6
Jul 7 '71

Drug traffic drops in military's mail--surveillance
improves. Tony McHale. AF Times 32:20
Oct 27 '71

Smuggler searches tightened. AF Times 32:3
Nov 3 '71

CZYZAK, Stanley J.

AFIT aide retires (as does mobilization assistant to
AU commander, BrigGen Herman L. Harris).
AF Times 31:30 Mar 10 '71

DCAS see Defense Contract Administration Services

DME (Distance Measuring Equipment) see Radar Navigation

DSCS see Defense Satellite Communications Systems

DAMAGES see Claims

DAMS

Environmental engineering at Libby Dam. Robert J. Ayers and Phillip L. Cole. illus Mil Engr 63:193-195 May-Jun '71

Harnessing the high water. Col Richard L. Hunt. illus Army Dig 26:4-6 Mar '71

Seismic safety for dams. Reginald A. Barron and Charles F. Corns. Mil Engr 63:236-238 Jul-Aug '71

Tunnel drilling for the Carters Project (Murray County, Ga). Col Robert E. Snetzer. illus Mil Engr 63:346-349 Sep-Oct '71

The Volkerak project. M. A. van Weel. illus map Mil Engr 63:188-192 May-Jun '71

DATA PROCESSING SYSTEMS see Electronic Data Processing Systems

DAVIS, Benjamin O., Jr

Transportation safety. Interview. LtGen Benjamin O. Davis, Jr, Ret. por Def Trans J 27:18-22 Nov-Dec '71

DAVIS, Felix A.

Three newcomers are named to positions on Army Reserve Forces Policy Committee. por Officer 47:25 Feb '71

DAVIS, John E.

Partnership in disaster preparedness. John E. Davis. por Def Ind Bul 7:10-11 Winter '71

DAVIS, Raymond G.

Into the third century: A selective force in a ready state--the Marines. Gen R. G. Davis. illus Sea Power 14:28-35 Oct '71

LtGen Raymond G. Davis to become Assistant CMC. MarCor Gaz 55:2 Mar '71

Marine Commandant race wide open. Armed Forces J 109:21 Nov '71

Parker House rolls & Stonewall Jackson--Gen Davis in profile. Robert J. Boylan. por Navy 14:28-29 Jun '71

DAVISON, Michael S.

Gen Davison to CinC USAREUR. por Armor 80:62 May-Jun '71

In Europe, the focus is on people. Gen Michael S. Davison. por Army 21:49-53 Oct '71

DAWES, Charles G.

Military engineer and statesman. Eugene V. McAndrews. por biog Mil Engr 63:40-41 Jan-Feb '71

DAWSON, Donald S.

What ROA is, seeks are most important elements of legislative program. (Report to Executive Council of ROA, Mid-Winter Conference, Washington, Feb 18-19, 1971) MajGen Donald S. Dawson. Officer 47:19+ Mar '71

D

DEANE, John R., Jr

DOD's new DSPG (Defense Special Projects Group) to counter SAM defenses. Armed Forces J 108:14 Apr 19 '71

DEBTOR AND CREDITOR

Congress okays debt relief bills. AF Times 31:20 Jan 6 '71

Straight bankruptcy--the wage earners' plan and the military debtor. Capts Jack H. Lasseter and Chester P. Dagle. illus AF JAG L Rev 13:137-153 Spring '71

DECELERATION

Myocardial serum enzymes in controlled impact and in accidental automotive impact. Irving I. Lasky and others. tabs illus (Also cutaway) Aerosp Med 42:713-722 Jul '71

DECEPTION IN WARFARE

EW support to tactical cover and deception. James DeRocher and William Huse. illus Elect Warfare 3:16-17+ Convention Issue '71

DECISION MAKING

See also

Economic Analysis
Problem Solving

Cost analysis for decision making. Ruth E. Dynes. Log Spectrum 4:18-21 Winter '70

Decision-making. MajGen Glenn A. Kent. illus AU Rev 22:62-65 May-Jun '71

Decision-making: Science or craft? Nicholas J. D'Ombra. Royal United Svcs Inst for Def Studies J 116:56-58 Sep '71

Factors in military decision-making: Communication and cross-cultural analysis. LtCol Russell A. Turner II and Hamid Mowlana. illus AU Rev 22:24-33 Mar-Apr '71

The military planning process: Human imperfections in its application. LCDR Charles W. Cullen. illus tab Nav War Col Rev 23:52-63 Mar '71

New insights into governmental decisionmaking. LtCol Ernest A. Vuley, Jr. Persp in Def Mgt, pp 53-57, May '71

Operational testing. Jacob A. Stockfisch. illus Mil Rev 51:66-82 May '71

The Presidential decision on the Cambodian operation --a case study in crisis management. Col Russell H. Smith. illus AU Rev 22:45-53 Sep-Oct '71

The process for acquiring major weapons systems. (Adapted from address, Government Contracts Institute, Southwestern Legal Foundation, Dallas, Dec 22, 1970) VADM Eli T. Reich. Def Mgt J 7:32-35 Spring '71

Strategy: The essence of professionalism. RADM Henry E. Eccles, Ret. illus Nav War Col Rev 24:43-51 Dec '71

DECOMPRESSION

Body fat, denitrogenation and decompression sickness in men exercising after abrupt exposure to altitude. T. H. Allen and others. illus tabs Aerosp Med 42:518-524 May '71

Carbon dioxide response curves at altitude. C. W. Gray and others. illus tabs Aerosp Med 42:1069-1073 Oct '71

DECOMPRESSION - Continued

Case of mumps during hyperbaric exposure. R. E. Danziger and others. *illus Aerosp Med* 42:1335-1337 Dec '71

Changes in vital capacity produced by oxygen breathing during immersion with the head above water. U. I. Balldin and others. *tabs Aerosp Med* 42:384-387 Apr '71

Compression therapy. *TIG Brief* 23:20 Oct 8 '71

Cortical evoked response and inert gas narcosis in man. Kenneth N. Ackles and Barry Fowler. *illus tabs Aerosp Med* 42:1181-1184 Nov '71

Decompression sickness: Advances and interpretations. (Harry G. Armstrong Lecture, 1971?) Albert R. Behnke. *illus tabs Aerosp Med* 42:255-267 Mar '71

Delineation of emergency surface decompression and treatment procedures for Project Tektite aquanauts. Peter O. Edel. *illus tabs Aerosp Med* 42:616-621 Jun '71

Diving chamber puts squeeze on decompression. Sgt David Drachlis. *illus AF Times* 32:30 Aug 25 '71

Helium-oxygen saturation diving: II. Serum chemistries and urinalyses. James Vorosmarti, Jr and others. *illus tabs Aerosp Med* 42:13-16 Jan '71

Human factors in relation to the development of pressurized cabins. (Harry G. Armstrong Lecture, 42d Annual Meeting, Aerospace Medical Assoc, Houston, Tex, 1971) Ross Armstrong McFarland. *illus tabs Aerospace Med* 42:1303-1318 Dec '71

Hyperbaric respiratory mechanics. Edwin G. Vail. *illus tab Aerosp Med* 42:536-546 May '71

Neurological decompression sickness: Report of two cases at minimal altitudes with subsequent seizures. Jefferson C. Davis and others. *Aerosp Med* 42:85-88 Jan '71

Report of a rapid decompression of a Boeing 707. Sean O'Quigley. *illus Aerosp Med* 42:1229-1230 Nov '71

Respiratory mechanics--airway collapse. Edwin G. Vail. *illus tabs Aerosp Med* 42:975-979 Sep '71

Role of CO₂ in compressed-air narcosis. C. M. Hesser and others. *illus tabs Aerosp Med* 42:163-168 Feb '71

Urticaria following the sequential breathing of various inert gases at a constant ambient pressure of 7 ATA: A possible manifestation of gas-induced osmosis. G. Douglas Blenkarn and others. *illus tabs Aerosp Med* 42:141-146 Feb '71

DECORATIONS OF HONOR see Awards, Decorations, etcDECOYS (MILITARY)

Proxmire's B-1 charge rebutted. *AF Times* 31:17 Jun 9 '71

DEEP OCEAN STATIONS see Underwater StationsDEFECTIONRussia

Asylum denied: The Vigilant incident. (Research paper, School of Naval Warfare, 1971) Col Clyde R. Mann. *illus Nav War Col Rev* 23:4-31 May '71

Coast Guard officers allowed to resign. *Armed Forces J* 108:14 Jan 4 '71

Legal aspects of the refusal of asylum by U. S. Coast Guard on 23 November 1970. Louis F. E. Goldie. *illus Nav War Col Rev* 23:32-40 May '71

DEFENSE (MILITARY SCIENCE) see Attack and Defense (Military Science)DEFENSE COMMUNICATIONS AGENCY

The DCS (Defense Communications System) today and how it operates. (Address, Ft Monmouth (NJ) Chapter, AFCEA, 1971?) BrigGen Herbert A. Schulke, Jr. *Signal* 25:22-24 Jul '71

Message delays blasted. *AF Times* 31:2 Jun 16 '71

DEFENSE COMMUNICATIONS SYSTEM

The changing DOD communications-electronics environment. LtGen Richard P. Klocko and MajGen Anthony T. Shtogren. *illus Signal* 25:60-61+ Jun '71

The DCS (Defense Communications System) today and how it operates. (Address, Ft Monmouth (NJ) Chapter, AFCEA, 1971?) BrigGen Herbert A. Schulke, Jr. *Signal* 25:22-24 Jul '71

The introduction of digital transmission into the DCS. Aubrey A. Childers. *illus Signal* 25:42-44 Mar '71

Wideband modems--toward a digital DCS. Lee Blachowicz. *illus Signal* 26:6-10 Dec '71

DEFENSE CONTRACT ADMINISTRATION SERVICES

Contract awards to bankrupt firms. *TIG Brief* 23:13 Sep 24 '71

DCAS role in contractor performance measurement. Nathaniel Ligols and CDR Robert L. Edlin. *illus Def Ind Bul* 7:48-50 Summer '71

A "system" for disengagement in contract administration services. William V. Gordon. *Def Mgt J* 7:54-57 Spring '71

DEFENSE CONTRACT AUDIT AGENCY

The auditor and performance measurement. E. Joseph Hill. *illus Def Ind Bul* 7:15-17+ Fall '71

DEFENSE CONTRACTS see Contracts, GovernmentDEFENSE DEPTAustralia

The new shape of Australian Defence. Brig F. W. Speed. *Army Qtr* 101:420-425 Jul '71

Great Britain

British Defence policy. Lord Carrington. *illus Royal United Svc Instn J* 115:2-10 Dec '70

Organization

Britain to reorganize defense procurement. John Marriott. *Armed Forces J* 108:20 May 3 '71

Japan

Japan's defense forces. Col Noboru Matsuura. *illus Mil Rev* 51:48-55 Feb '71

Thailand

Developing resource management systems in Thailand. Maj Herbert C. Puschek. *illus charts Armed Forces Compt* 16:18-21+ Fall '71

United States

ADM Sharp comments on Viet air war. (Extracts from address, "Comments on the Pentagon Papers," San Diego Council, Navy League, July 21, 1971) ADM U. S. Grant Sharp, Ret. *Sea Power* 14:36-37 Sep '71

Airpower could have won in Vietnam. ADM U. S. Grant Sharp, Ret. *AF Mag* 54:82-83 Sep '71

DEFENSE DEPT - ContinuedUnited States - Cont'd

Anti-bias fought, DOD group finds. AF Times 32:4 Aug 25 '71

Blueprint for survival. LtGen Ira C. Eaker, Ret. illus Ordnance 56:43-45 Jul-Aug '71

CBS won't do it again. Claude Witze. illus AF Mag 54:14-16 Aug '71

Clubs, exchanges face Defense study. AF Times 32:4 Aug 25 '71

Concepts for improving defense management. (Adapted from remarks, Washington Chapter, Armed Forces Management Assoc) VADM Vincent P. de Poix. Def Mgt J 7:36-40 Spring '71

Consolidation plans (for offices and activities) told for Washington military. AF Times 32:6 Aug 25 '71

Containerization and the Department of Defense. Vincent F. Caputo. illus Def Trans J 27:34-37 May-Jun '71

DOD inspects Britain. all-vols. AF Times 31:19 Jan 27 '71

DOD logistics systems policy objectives. Def Ind Bul 7:32-33 Spring '71

The DOD magazine empire. Bernadine M. Kopec. illus tab Armed Forces J 108:42-48 Aug '71

DOD meat cut pamphlets. AF Times 31:3 Apr 21 '71

DOD policy results in jobs for blacks. AF Times 32:1 Oct 6 '71

DOD seeks titles for club work. Bob Schweitz. AF Times 31:1+ Jun 2 '71

DOD tightens civilian control over intelligence, but no reorganization. George Weiss. Armed Forces J 108:10-11 Mar 1 '71

DOD to ask boost in hazard scales. AF Times 31:4 Jun 9 '71

DOD urges more cash for ROTC. AF Times 31:4 Jun 30 '71

Defense management. illus Govt Exec 3:40+ Apr '71

Defense prefers House's version (of pay raise). AF Times 31:4 Jun 23 '71

Defense to ask Congress for relief of moving tax. AF Times 31:4 Jun 2 '71

Department of Defense (DOD) metric study. TIC Brief 23:19-20 May 21 '71

Dr Marrs stresses free communication between Defense and Reserves--actions back up Laird's statement on policy for Reserves and Guard. (Key-note speech, National Council, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971) illus Officer 47:8-10 Apr '71

Dr Rousselot quits Defense health post. AF Times 31:3 Jul 7 '71

Ellsberg charges challenged--expert says law mis-used. Court Gifford. AF Times 31:54 Jul 28 '71

The hassle over the Pentagon Papers: Must the First Amendment always come first? Editorial. Army 21:6-8 Aug '71

Laird orders 'crackdown' on Rand Corp security. Armed Forces J 108:15-17 Jul 19 '71

Major defense system acquisition policy announced: DOD Directive 5000.1--a challenge for program managers. illus Def Ind Bul 7: entire issue Fall '71

DEFENSE DEPT - ContinuedUnited States - Cont'd

Mr Laird and the no war strategy for the 1970s. Lloyd Norman. illus Army 21:14-23 Feb '71

New Army leadership--Sec (Robert F.) Froehke takes command as the Army faces new problems. illus Ordnance 56:114-115 Sep-Oct '71

Old soldier (Col Kenneth E. BeLieu) back on Army team (as Deputy Assistant for Senate Relations). Brooke Nihart illus Armed Forces J 109:16 Oct '71

Opposition flares again to Bolling (AFB, DC) construction. AF Times 31:2 Aug 4 '71

Participative management in logistics systems development. Lt Col Ray E. Frye, Jr. illus chart Army Log 3:10-11+ Sep-Oct '71

Pay packages moving in the Pentagon. Bob Horowitz. tab AF Times 31:1+ Mar 10 '71

The pen and the sword: National security and freedom of the press. James D. Hessman. Armed Forces J 108:37 Jul 5 '71

President Nixon names two new assistant secretaries; Hull takes Army post, James Johnson moves to Navy. illus Officer 47:5-6 Jun '71

A progress report: DOD standard data element and data code program. Mildred L. Bailey. illus tabs Def Ind Bul 7:17-20 Summer '71

'Realistic deterrence.' Editorial. John L. Frisbee. illus AF Mag 54:4+ Apr '71

Resor quits, Froehke named Secretary of Army. illus Natl Guardsman 25:19 Jul '71

SecDef orders end to discrimination in the military. Armed Forces J 108:13+ Jan 4 '71

Secrecy rules involved (between the government and the New York Times). Bruce Callander. AF Times 31:13 Jul 7 '71

The Secretary of Defense and the Joint Chiefs of Staff: Conflict in the budgetary process, 1947-1971. Lawrence J. Korb. illus Nav War Col Rev 24:21-42 Dec '71

Six years of untiring, unselfish, and effective service. (Melvin Laird's tribute to Stanley Resor) illus Armed Forces J 108:16 Jul 19 '71

6535 (USAF uniformed personnel) assigned non-AF duties--most serve in DOD. AF Times 32:13 Aug 11 '71

Small firms helped in servicing bases. AF Times 31:10 Jul 7 '71

A "stop-and-think" look at the military industrial complex. Col William L. Strand. Persp in Def Mgt, pp 57-63, Autumn '71

Those Pentagon Papers--who needs them? Editorial. John F. Loosbrock. AF Mag 54:6-9 Aug '71

A tree grows in the Pentagon. Col John E. Bex. illus AU Rev 22:84-88 Mar-Apr '71

Variable housing, skill pay studied--Defense effort. AF Times 31:17 Mar 17 '71

Directories

Defense Department system program managers. Def Ind Bul 7:45-50 Spring '71

DEFENSE DEPT - ContinuedUnited States - Cont'dOrganization

Authority and responsibility for acquisition of materiel for the Armed Forces. Charts only. Ordnance 55:463-472 Mar-Apr '71

The Blue Ribbon Defense Panel in perspective. Col J. E. Bex. illus Mil Rev 51:91-95 Sep '71

The Blue Ribbon Panel report: Unification orthodoxy, revisited and revised. Raymond H. Dawson. illus chart Aerosp Hist 18:4-11 Mar '71

Blue Ribbon--red tape. Maj George Fielding Eliot, Ret. Ordnance 55:339-342 Jan-Feb '71

Changes hint at 4th service. LtGen Ira C. Eaker, Ret. AF Times 31:13 May 5 '71

DOD lists logistics systems policy objectives in response to the Blue Ribbon Defense Panel report. Review 50:29+ May-Jun '71

The Fitzhugh report--its impact on comptrollers. LCDR Joseph E. Kasputys. illus tab Armed Forces Compt 15:3-6+ Fall '70

International security assistance--the forward look in international logistics. (Proposed new International Security Assistance Act) illus charts Army Log 3:4-7+ Nov-Dec '71

The JCS challenge. Capt Robert S. Ballagh, Jr. illus Mil Rev 51:25-34 Apr '71

Organization--DOD shifting authority. Interview. VADM Vincent de Poix. illus Govt Exec 3:16 Jan '71

Overmanagement--and its cure. (Address, Federal Management Improvement Conference, Sep 22, 1970) Barry Shillito. illus Def Mgt J 6:3-5 Feb '71; Log Spectrum 5:17-20 Summer '71

President proposed 'major transformation' of military aid programs. Armed Forces J 108:14 May 3 '71

(Security Assistance Program): A new approach to an old problem. Interview. LtGen George M. Seignious II. Armed Forces J 109:44-47 Nov '71

TRI-TAC (TRI-department TACTical communications office): Its status and future. Louis A. deRosa. Signal 25:40-42 Jun '71

Toward better management of human, material and economic resources--organization and management. (Excerpts from Defense Posture Statement) Melvin R. Laird. Def Ind Bul 7:21-23 Spring '71

The unified command structure. Col Duane H. Smith. charts tab Parameters 1:14-21 Fall '71

A unified DOD logistics command. chart Army Log 3:12-13 Jan-Feb '71

DEFENSE ELECTRONICS SUPPLY CENTER

(Implementation program for standardizing electronic parts) Signal 26:52-53 Nov '71

DEFENSE FUEL SUPPLY CENTER

Oil... why is it important; why is it different; what aids DOD procurement. Maj Thomas L. Wallace. illus Review 50:39-40+ Mar-Apr '71

DEFENSE INDUSTRIAL PLANT EQUIPMENT CENTER

The key to survival--preparedness. Col Claude G. Baughman. illus Review 51:31-32+ Jul-Aug '71

DEFENSE INTELLIGENCE AGENCY

Better deal for service spooks? Armed Forces 109:16+ Dec '71

DEFENSE LANGUAGE INSTITUTE

Language training for interrogators. Maj Frank J. Lennartz. illus MarCor Gaz 55:39-43 Feb '71

Navy at Texas school (Defense Language Institute SouthWest Branch (DLISW), Biggs Field, Fort Bliss). AF Times 31:39 Apr 7 '71

DEFENSE MARKETS AND MARKETING see Markets and MarketingDEFENSE SATELLITE COMMUNICATIONS SYSTEM

Military satellite communications. Col Robert M. Lowry, Jr. illus Signal 25:18-19 Jul '71

DEFENSE SECURITY ASSISTANCE AGENCY

(Security Assistance Program): A new approach to an old problem. Interview. LtGen George M. Seignious II. Armed Forces J 109:44-47 Nov '71

DEFENSE SUPPLY AGENCY

Defense management challenges of tomorrow. MajGen Thomas H. Scott, Jr. Def Mgt J 6:11-15 Feb '71

Defense supply digest. Regular feature in some issues of Review

Fuels and Energy Seminar. (DSA Convention, 1971) Gene T. Kinney and others. illus Review 51:31-32+ Nov-Dec '71

Introducing new clothing and textile items into DOD supply system. TIG Brief 23:10 Oct 22 '71

Pricing practices. TIG Brief 23:3 Apr 23 '71

Security education and training: Preventive against compromise. James A. Reeder. illus Def Ind Bul 7:15-18+ Winter '71

Supplies for the Services. Interview. LtGen Earl C. Hedlund. illus Ordnance 55:532-535 May-Jun '71

U.S. Government transport agencies. illus charts Def Trans J 27:23-45 Nov-Dec '71

DEFENSE SUPPLY ASSOCIATION

Association news. Regular feature in some issues of Review

Defense Supply Association: Honorary national presidents. Photos only. Review 51:91 Nov-Dec '71

(Special Convention Issue, 24th, Washington, Oct 25-27, 1971) illus Review 51: entire issue Nov-Dec '71

DEFENSESSee also

Air Defenses
Civil Defense

Deterrence
Rearmament

Economic principles and defence. (Lecture, NATO Defense College, Nov 1970) Peter M. Oppenheimer. illus NATO's Fifteen Nations 16:16-20 Jun-Jul '71

Africa, South

Arms for South Africa. Maj E. Hinterhoff. illus NATO's Fifteen Nations 16:26-33 Feb-Mar '71

America

The Inter-American Defense Board. Col Francis H. Weiland. chart illus AU Rev 23:21-31 Nov-Dec '71

DEFENSES - ContinuedAmerica - Cont'd

They plan hemisphere defense--AF's (LtGen) LeBailly heads (Inter-American Defense) Board. Ed Gates. illus AF Times 32:10 Dec 22 '71

Australia

Australia's defense policies and the Asian point of view. LtCol E.H. Dar. illus tab US Nav Inst Proc 97:56-59 Dec '71

The new shape of Australian Defence. Brig F.W. Speed. Army Qtr 101:420-425 Jul '71

Austria

Austria's defense. Maj Ronald A. Hofmann. illus map Mil Rev 51:52-62 Oct '71

Canada

The search for a defence policy in Canada. Col Strome Galloway. Army Qtr 101:287-294 Apr '71

China (People's Republic)

China's military strength. Gerald Ellis. illus Mil Rev 51:71-76 Apr '71

Europe

The military situation in Europe. Regular feature in some issues of Army Quarterly and Defence Journal

Mutual balanced force reductions. Walter C. Clemens, Jr. illus Mil Rev 51:3-11 Oct '71

A united Europe? James B. Edwards. tab Ordnance 56:124-125 Sep-Oct '71

Europe, Western

A common Western nuclear doctrine? LtCol Marc E. Geneste, Ret. illus Mil Rev 51:3-12 Sep '71

The defense of Northwest Europe and the North Sea. MajGen J.L. Moulton, Ret. illus maps tabs US Nav Inst Proc 97:80-97 May '71

Detente and security: The options. Theo Sommer. illus NATO's Fifteen Nations 15:78-84 Dec '70-Jan '71

In the service of defence. Adm Nigel Henderson. illus NATO's Fifteen Nations 16:32-35 Apr-May '71

The Panzer Lehr and nuclear defense. LtCol Marc E. Geneste, Ret. (Trans and condensed from a French publication) illus Mil Rev 51:42-47 Feb '71

Presence of U.S. forces in Europe indispensable, says NATO Secretary General. Officer 47:9 Feb '71

Tactical nuclear weapons for Europe. Gen Heinz Trettner, Ret. (Trans and condensed from a French publication) illus Mil Rev 51:43-49 Jul '71

France

French defense policy. Michel Debre. (Condensed from Survival, Nov 1970) illus Mil Rev 51:45-55 Mar '71

Germany (Federal Republic)

Effective antitank defense. Ferdinand Otto Miksche. (Trans and condensed from a German publication) illus tabs Mil Rev 51:48-56 Dec '71

Pandora, Medusa, Dragon Seed--a defensive weapons mix for Europe. Stefan Geisenheyner. illus Aerosp Intl 7:56-58 May-Jun '71

DEFENSES - ContinuedGermany (Federal Republic) - Cont'd

The West German defence White Paper of 1970. Stuart Drummond. Army Qtr 101:158-162 Jan '71

West German Defense Posture--1970. Intl Def Rev 3: 121 Jun '70

Great Britain

The British Armed Forces--what's ahead? Stefan Geisenheyner. illus AF Mag 54:60-63 Jun '71

British defense estimates for 1971-72 issued. John Marriott. Armed Forces J 108:18 Mar 15 '71

British defense policies. Maj E. Malcolm Perry-Davies. illus Mil Rev 51:10-16 Nov '71

Defence--no surprises. illus Air Pict 33:128-129 Apr '71

Defence policy--the Air League view mid 1970. Royal Air Forces Qtr 11:33-36 Spring '71

NATO ground forces and the Soviet threat. K. Booth. Army Qtr 101:426-436 Jul '71

The official opposition view of British defence policy. George M. Thomson. illus Royal United Svcs Inst for Def Studies J 116:16-21 Jun '71

The Royal Navy and the continuing commitments. Desmond Wettern. illus US Nav Inst Proc 97:18-25 Aug '71

UK defence White Paper. Intl Def Rev 3:361 Dec '70

History

The ten year rule. Peter Silverman. illus Royal United Svc Instn J 116:42-45 Mar '71

The ten-year rule--an unfinished debate. (Comment on article by P. Silverman, Royal United Service Institution Journal, March 1971) K. Booth. illus Royal United Svcs Inst for Def Studies J 116:58-63 Sep '71

India

The Indian Armed Forces in the 1970s. Ravi Kaul. illus Royal United Svc Instn J 116:55-57 Mar '71

India's mammoth Army. Ravi Kaul. Army Qtr 101: 314-322 Apr '71

Israel

Israel at war. Brig Cyril N. Barclay. illus Army 21: 40-45 Sep '71

Israeli arms production. Jac Weller. illus Ordnance 55:540-544 May-Jun '71

The Israeli defense of the Suez Canal. Col Irving Heymont, Ret. illus Mil Rev 51:3-11 Jan '71

Israel's quest for military self-sufficiency. Martin J. Miller, Jr. illus Mil Rev 51:67-73 Mar '71

Watch on the Suez. William Beecher. illus tab Army pt 1, Egypt's noisy silent partner. 21:10-13 Nov '71; pt 2, Israel weighs the options. 21:28-32 Dec '71

Japan

A balance of priorities--defense and economic growth in Japan. Richard Halloran. illus Navy 14:10-14+ Apr '71

DEFENSES - ContinuedJapan - Cont'd

- Economic imperatives influencing Japan's military force levels. CDR Lewis E. Connell. illus tab Nav War Col Rev 24:49-54 Nov '71
- Japan and her maritime defense. Comdr Hideo Sekino, Ret. illus maps tabs US Nav Inst Proc 97:98-121 May '71
- Japan and Southeast Asia. Niu Sien-Chong. illus map Mil Rev 51:63-71 Oct '71
- Japan: Her role in world affairs. (Lecture, Naval War College, 1971?) H.E. Nobuhiko Ushiba. illus Nav War Col Rev 23:14-21 Apr '71
- Japan's defense forces. Col Noboru Matsuura. illus Mil Rev 51:48-55 Feb '71
- Japan's Maritime Self-Defense Force: An appropriate maritime strategy? LCDR James E. Auer. illus map tab Nav War Col Rev 24:3-20 Dec '71
- Japan's military goal--building a strong defense. Ronald Golden. illus Aerosp Intl 7:26-27+ Mar-Apr '71
- Japan's naval air strength. LtGen Masataka Okuniya, Ret. illus US Nav Inst Proc 97:106-108 Dec '71
- Military reawakening in Japan. William Beecher. illus Army 21:10-17 Mar '71
- Relationship between Japan and the United States--impact on the Asian-Pacific Region. Nobuhiko Ushiba. illus AU Rev 22:2-16 Sep-Oct '71

NATO

- Alliance defence for the seventies. Army Qtr 101:277 Apr '71
- The challenge in the center (of Europe). Gen Jurgen Bennecke. illus NATO's Fifteen Nations 16:52-56+ Apr-May '71
- The challenge in the North (of Europe). Gen Walter Walker. illus NATO's Fifteen Nations 16:44-50 Apr-May '71
- The challenge in the South (of Europe). ADM Horacio Rivero. illus NATO's Fifteen Nations 16:60-64+ Apr-May '71
- Deep Express 70--collective security in action. (Exercise involving 8 NATO nations, Oct 10-22, 1970) Col William A. Brant and Maj Alan Lisle. illus NATO's Fifteen Nations 16:49-56 Jun-Jul '71
- The defence of Europe. Gen A. J. Goodpaster. illus Royal United Svc Instn J 116:31-41 Mar '71
- The defense of Northwest Europe and the North Sea. MajGen J. L. Moulton, Ret. illus maps tabs US Nav Inst Proc 97:80-97 May '71
- East of Suez: Peril for the West. (Interview with Lord Carrington, Britain's Minister of Defense) Max B. Boyd. illus Govt Exec 3:43-45 Jan '71
- In Europe, the focus is on people. Gen Michael S. Davison. illus Army 21:49-53 Oct '71
- A joint weapons program. Col A. C. Smith, Jr. MarCor Gaz 55:16 Dec '71
- Letter from London: Who now rules the waves? illus map NATO's Fifteen Nations 16:12-15+ Oct-Nov '71
- NATO and Spain. Maj E. Hinterhoff. (Reprinted from NATO's Fifteen Nations, Apr-May 1970) Royal Air Forces Qtr 10:271-275 Winter '70

DEFENSES - ContinuedNATO - Cont'd

- NATO shores up defense structure. Armed Forces J 108:12+ Jan 4 '71
- NATO's northern flank--vital but increasingly vulnerable. Stefan Geisenheyner. illus map AF Mag 54:56-61 Jul '71
- The Royal Air Force and Allied Command Europe. illus NATO's Fifteen Nations 16:49-56 Oct-Nov '71
- The Royal Air Force and NATO. ACM Christopher Foxley-Norris. illus Hawk No. 32:13-18 Feb '71
- SHAPE: Bulwark of defense--a lesson in cooperation. Col Robert K. Sawyer. illus NATO's Fifteen Nations 16:49-64 Feb-Mar '71
- "Soviet military strength is enormous and growing steadily." (Interview with Britain's Lord Carrington) illus Govt Exec 3:49-51 Dec '71

Russia

- NATO in the development of mutually acceptable security arrangements between East and West. Brig W. F. K. Thompson, Ret. illus NATO's Fifteen Nations 15:87-90+ Dec '70-Jan '71
- "Soviet military strength is enormous and growing steadily." (Interview with Britain's Lord Carrington) illus Govt Exec 3:49-51 Dec '71
- The strategic frontier. Gen Bruce K. Holloway. Ordnance 55:526-528 May-Jun '71
- The strategic threat. BrigGen Harry N. Cordes. illus AF Mag 54:51-55 Jul '71

Switzerland

- Swiss national defense: The strategy of security. Gustav Daniker. (Condensed from a Swiss publication) illus Mil Rev 51:36-41 Dec '71

United States

- Achilles heel: The obsolescent Navy. Interview. F. Edward Hébert. illus Govt Exec 3:30-31+ Mar '71
- The Army in transition. Gen W. C. Westmoreland. Ordnance 56:35-37 Jul-Aug '71
- Austerity stays with us. Claude Witze. tabs AF Mag 54:9-11 Mar '71
- The B-1 bomber: Does American survival hinge on it? Interviews. MajGen Douglas T. Nelson and others. illus Govt Exec 3:53-54+ Oct '71
- Blueprint for survival. LtGen Ira C. Eaker, Ret. illus Ordnance 56:43-45 Jul-Aug '71
- The defense budget and our national security. (Address, Huntsville-Madison County Chamber of Commerce, Huntsville, Ala, Dec 1970) ADM T. H. Moorer. tab Signal 25:20-24 Apr '71
- Defense highlights. Regular feature in issues of Ordnance
- Defense review. LtGen Ira C. Eaker, Ret. AF Times 31:13 Jan 13 '71
- Economy vs Defense. Eugene M. Becker. tab Ordnance 55:426-428 Mar-Apr '71
- The erosion of U.S. military strength: Can there be peace without power? James L. Buckley. illus Signal 26:18-21 Oct '71
- Facing the facts. Gen George S. Brown. illus AF Mag 54:20-24 Nov '71

DEFENSES - ContinuedUnited States- Cont'd

- The future Air Force. Gen John D. Ryan. illus Ordnance 56:202-205 Nov-Dec '71
- A future for the destroyer? CAPT W.J. Ruhe, Ret. illus US Nav Inst Proc 97:33-38 Aug '71
- Highways and national defense. F.C. Turner. Mil Engr 63:229-231 Jul-Aug '71
- The military industrial complex in perspective. Maj C.J. Wolk. illus tab MarCor Gaz 55:36-44 Aug '71
- Moorer: Viable options, purple suit questions and the pendulum theory. Interview. ADM Thomas H. Moorer. illus Armed Forces J 108:18-22 Jan 4 '71
- Needed--a new strategy for preservation of the Republic. RADM George H. Miller. illus Sea Power 14:5-11 Dec '71
- (Pacifist scientists attack John S. Foster, Jr for his suggestions on Russia's overtaking the United States in science and technology) LtGen Ira C. Eaker, Ret. AF Times 31:13 Jun 23 '71
- A question of priorities. (Tranquillity at home and military strength adequate to prevent foreign aggression) Maj Reginald Hargreaves, Ret. Ordnance 56:121-123 Sep-Oct '71
- 'Realistic deterrence.' Editorial. John L. Frisbee. illus AF Mag 54:4+ Apr '71
- Realistic deterrence and new strategy. Col Kenneth L. Moll. illus AU Rev 23:2-12 Nov-Dec '71
- Six facts about the threat. (Remarks, 15th Symposium Society of Experimental Test Pilots, Beverly Hills, Calif, Sep 17, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 11:10-16 Nov '71
- Some thoughts on national security issues in the decade ahead. (Address, National Security Seminar, Jackson, Miss, Jan 11, 1971) John C. Stennis. Persp in Def Mgt, pp 41-44, Autumn '71
- Strategic deterrence: Rationale, negotiations, threat, and status. George Weiss. illus Armed Forces J 108:24-27 Jun 7 '71
- The strategic frontier. Gen Bruce K. Holloway. Ordnance 55:526-528 May-Jun '71
- The strategic threat. BrigGen Harry N. Cordes. illus AF Mag 54:51-55 Jul '71
- A strategy of sufficiency. Thomas R. Pickering. illus Ordnance 56:38-42 Jul-Aug '71
- Technology, national security and domestic progress. (Remarks, Commonwealth Club of California Meeting, San Francisco, Feb 19, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 4:2-8 Apr '71
- "This year--our own strategies." Interview. Melvin R. Laird. illus Govt Exec 3:35+ Apr '71
- Triad defense. LtGen Ira C. Eaker, Ret. AF Times 32:13 Dec 29 '71
- USAF's role in realistic deterrence. (Address, AFA Convention, Washington, Sep 19-23, 1971) Gen John D. Ryan. illus AF Mag 54:66-69 Nov '71
- What is Mr Laird up to? LtGen Ira C. Eaker, Ret. AF Times 32:13 Nov 10 '71

Costs

- Financial environment of defense. Robert C. Moot. illus tabs Def Ind Bul 7:9-12 Fall '71

DEFENSES - ContinuedVietnam (Republic)

- National defense: The key to Vietnam survival. LtGen Vinh Loc. illus Mil Rev 51:90-95 Jul '71

Yugoslavia

- Yugoslav defense. (Based on an article originally published in a French publication) illus tab Mil Rev 51:28-35 Oct '71

DEFOLIATION

- Ranch Hand may ride again: Opium poppies the target? Brooke Nihart illus Armed Forces J 108:19-20 Jul 5 '71
- Weapons of "civilised" barbarians. Maj L. Nechayuk. illus Soviet Mil Rev No. 8:52-54 Aug '71

DEGREES, ACADEMIC

- AFIT awards degrees to 109 in engineering AF Times 31:5 Jun 30 '71
- AFIT awards master's to 54--all engineers. AF Times 31:3 Apr 14 '71
- AFIT revisions proposed--dual-degree change. AF Times 31:1+ Mar 31 '71
- AFIT (School of Systems and Logistics) degrees earned. AF Times 32:21 Sep 1 '71
- Advanced degree needs told. AF Times 32:20 Aug 25 '71
- Advanced degrees earned by officers. AF Times 31:43 Jul 14 '71
- DOD prescribes new graduate education rules. Armed Forces J 108:17 May 3 '71
- Degrees for staff NCOs. MSgt J. W. Lontos. MarCor Gaz 55:52 Aug '71
- Degrees: The curious cycle. George Foster. AF Times 32:13 Aug 25 '71
- Education programs. MarCor Gaz 55:9 Nov '71
- Lateral degrees offered (by Air Force Institute of Technology). AF Times 31:9 Jul 14 '71
- Master degrees awarded to 146 (SAC) missile officers. AF Times 32:18 Oct 13 '71
- The professional (development) degree program (for engineers offered at University of Wisconsin). Eugene E. Peer. illus AF Civil Engr 12:2-5 Nov '71
- SAC picks 3 for PhD plan. AF Times 31:41 Jul 14 '71
- 1378 set for AFIT degrees. George Foster. AF Times 31:1+ Aug 18 '71
- 12,000 (officer) jobs require advanced degrees. AF Times 31:13 Jul 14 '71

DEMOCRACY

- France: A political culture divided against itself. LTJG William F. Averyt, Jr. illus Nav War Col Rev 24:52-64 Dec '71

- A question of priorities. (Tranquillity at home and military strength adequate to prevent foreign aggression) Maj Reginald Hargreaves, Ret. Ordnance 56:121-123 Sep-Oct '71

DEMOLITIONSee alsoUnderwater Demolition

- Prime BEEF vs the doomed structure. illus AF Civil Engr 12:16 Feb '71

DEMONSTRATIONS (PROTEST)

Important revision to disaster preparedness regulation. TIG Brief 23:1 Oct 8 '71

London protest trial--anti-war officer (Capt Thomas L. Culver) fined. AF Times 31:5 Jul 28 '71

Mayday: Invasion can't stop Washington. AF Times 31:19 May 19 '71

NROTC at UCLA: The colors still fly. Mid Lawrence M. Kryske. illus US Nav Inst Proc 97:18-25 Dec '71

ROTC damage control report. R.E. Stivers. illus Navy 14:24-29 Jul-Aug '71

These troubled times. Regular feature in some issues of National Guardsman

War veterans bivouac at DC Capitol in protest. Joe Looney. AF Times 31:2 May 5 '71

(Washington) DCNG, police foil militants. illus Natl Guardsman 25:22-23+ Jun '71

History

The Army evicts the bonus marchers (in 1932). LtCol John W. Price. illus map Mil Rev 51:56-65 May '71

DEMOTIONAir Force--U. S.

Demotion power widened in Reg (AFR 39-30). AF Times 32:1+ Oct 6 '71

DENMARKStrategic Importance

On NATO's northern flank. Capt Erik B. Johansen. illus map Mil Rev 51:63-69 Aug '71

DENTAL CARE

Conserve the biting strength. (Army dental research) Maj Michael M. Belenky. illus Army Dig 26:48-51 May '71

Dental care \$ asked. AF Times 31:2 Feb 10 '71

Dental evaluation of aerospace personnel. TIG Brief 23:21 Oct 8 '71

Denticare gets high support. AF Times 32:2 Aug 18 '71

Dentists to stress preventive care. AF Times 31:4 Jan 13 '71

Military lags in dental benefits. AF Times 31:23 May 26 '71

Some kin will lose denticare. AF Times 31:2 Jan 13 '71

USAF dental health program. TIG Brief 23:12 Jun 18 '71

USAF dental health program. TIG Brief 23:11-12 Nov 5 '71

DENTAL CORPS

House panel approves health manpower bill. Armed Forces J 109:14-15 Nov '71

Air Force

Dentists to stress preventive care. AF Times 31:4 Jan 13 '71

EM specialists to perform some of dentist's duties. Jim Sample. AF Times 32:3 Sep 1 '71

'Quickie' promotions approved for dentists. AF Times 32:2 Nov 10 '71

DEPENDENCY AND INDEMNITY COMPENSATION see Survivors Rights and BenefitsDEPENDENTS, MILITARYSee also

Children, Military
Wives, Military

CHAMPUS explains delay in payments. AF Times 31:15 Feb 10 '71

CHAMPUS offers wider eligibility. Ruth Chandler. AF Times 32:50 Dec 15 '71

CHAMPUS seen as 'too liberal.' AF Times 31:3 May 5 '71

Civilian hubbies win IDs. AF Times 32:4 Aug 25 '71

The commander and the chaplain. (Remarks, USAF Chaplains' Conference, Randolph AFB, Tex, Oct 12, 1971) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 12:2-7 Dec '71

Comptroller lifts bar to FSA for some. AF Times 32:19 Sep 15 '71

Concurrent travel can prove costly. AF Times 31:22 Jul 21 '71

Dental care \$ asked. AF Times 31:2 Feb 10 '71

Dependent support privileges. TIG Brief 23:4 Apr 23 '71

Drug abuse increases among kin. AF Times 32:4 Dec 15 '71

EM dining halls opened to dependents, guests. Tony McHale. AF Times 31:4 Apr 14 '71

End of Q allotment poses benefit loss. AF Times 31:2 Mar 3 '71

Housing listed. AF Times 31:4 Mar 3 '71

IRS gives ruling on overseas child. AF Times 31:18 Mar 3 '71

Kin gained o' seas due 'space-A'--but some there on own can't. Jim Sample. AF Times 31:1+ May 26 '71

Military people get older, smarter. tab AF Times 31:6 May 26 '71

Military unfair to couples. Bruce Callander. AF Times 32:13 Sep 1 '71

Missing pilot's children receive VA school aid. AF Times 31:20 Mar 3 '71

More to get kin travel--PETS holds key. AF Times 31:3 Jun 16 '71

Need found for money, benefits--ATC polls young married EM. AF Times 31:13 Apr 14 '71

New benefits approved for dependents of POWs. Officer 47:24 Feb '71

POW sons get draft exemption. AF Times 32:21 Nov 24 '71

Rules toughen retrieval of dependents' ID cards. AF Times 32:19 Nov 17 '71

Some kin will lose denticare. AF Times 31:2 Jan 13 '71

Space-A tightened for kin. AF Times 32:19 Aug 25 '71

TROA (Retired Officers Association) to offer insurance for actives' dependents. AF Times 32:58 Nov 17 '71

Tour rules for travel of kin clarified. AF Times 31:17 Jul 21 '71

DEPENDENTS, MILITARY - Continued

- Transportation for next-of-kin to visit hospitalized members overseas. TIG Brief 23:18 Mar 12 '71
- Transportation of relatives of deceased military personnel to attend group burials. TIG Brief 23:12 Jul 2 '71
- Travel for dependents of members who are missing, dead, or injured. TIG Brief 23:18 Mar 12 '71
- WAF (1stLt Sharron A. Frontiero) sues to get benefits for hubby. illus AF Times 31:1+ Jan 27 '71
- Wider handicapped aid asked (to cover) kin of deceased and retirees. AF Times 31:6 Mar 31 '71
- Wife in military barred from FSA. AF Times 32:17 Sep 29 '71
- Williams (AFB, Ariz) weekend aids POW' children. AF Times 31:38 May 5 '71

DEPLOYMENTAir Force

- Bare Base--a new concept in air mobility. Capt Alson F. Sherwin. illus Review 51:25-26+ Sep-Oct '71
- A look at airlift in the mid-'70s: Services will face problems. George Weiss. illus tabs Armed Forces J 108:28-31 Apr 5 '71

Armed Forces

- Changing the guard in Korea. William Beecher. illus Army 21:18-23 Jan '71
- Crews wind up Korea Exercise (Freedom Vault). AF Times 31:8 Mar 17 '71
- Dual-base Exercise (Crested Cap III) nears. AF Times 32:24 Sep 15 '71
- MAC airlifts soldiers to Germany (in Exercise Reforger III). AF Times 32:45 Oct 13 '71
- MAC redeploys Reforger (III) troops. AF Times 32:33 Dec 22 '71
- Reforger II. illus Armor 80:32-35 Jan-Feb '71
- Reforger III. Pictorial. Army 21:26-27 Dec '71
- Reforging the ties. Army Dig 26:51-55 Mar '71
- Withdrawal, redeployment, or cop out? Col Mark M. Boatner III, Ret. illus Army 21:14-19 Apr '71

De POIX, Vincent P.

- Concepts for improving defense management. (Adapted from remarks, Washington Chapter, Armed Forces Management Assoc) VADM Vincent P. de Poix. Def Mgt J 7:36-40 Spring '71
- (Need for electronic warfare; address, 7th Annual National Convention of Assoc of Old Crows, Anaheim, Calif, Oct 6-8, 1970) VADM Vincent P. de Poix. por Elect Warfare 3:4+ Winter '71
- Organization--DOD shifting authority. Interview. VADM Vincent de Poix. por Govt Exec 3:16 Jan '71
- Program management. Interview. VADM Vincent de Poix. por Govt Exec 3:46+ Apr '71

DEPOTS, SUPPLY

- Credit card warehouse. LtCol O. P. Snyder, Jr. illus Army Log 3:30-34 Jan-Feb '71

DEPOTS, SUPPLY - ContinuedArmy

- Base depot upgrade (for Armed Forces of Vietnam). Maj Murray G. Swindler. illus Ordnance 56: 143-146 Sep-Oct '71
- Find 'em, fix 'em, stock 'em. LtCol Robert C. Hawk. illus tab Army Dig 26:4-7 Jan '71
- Managing modernization. BrigGen John R. Pierce, Jr. illus Army Log 3:28-32 Mar-Apr '71

DESERT OPERATIONS

- Compound fracture. Grover C. Tate. illus Aerosp Safety 27:6-8 Jul '71
- Hot weather survival. George D. Banky. illus Approach 16:32-34 Jun '71
- In desert conditions. LtCol Y. Voinov. Soviet Mil Rev No. 6:37 Jun '71
- Maintenance of tank power plants. Col Y. Orekhov. illus Soviet Mil Rev No. 2:27-28 Feb '71

DESERTION, MILITARY

- Commitment or cop out? Maj Robert F. Elliot. illus Soldiers 26:4-6 Nov '71
- Desertion and unauthorized absenteeism. TIG Brief 23:9 Jan 29 '71
- Over-hill airmen trigger timetable. AF Times 31:19 Jan 13 '71

DESOBRY, William R.

- MajGen Desobry to Fort Knox (Ky). por Armor 80:62 May-Jun '71

DESTROYERS

- CNO disavows Navy blame for ship he advocated in 1962. Brooke Nihart. Armed Forces J 108:15-16 Apr 5 '71
- The case for the big frigate. CAPT Charles D. Allen. illus US Nav Inst Proc 97:106-107 Nov '71
- Commanding Officer comments: The new USS Hepburn DE-1055. CDR Stuart D. Landersman. illus US Nav Inst Proc 97:99-102 Mar '71
- Destroyers, 1971. Richard F. Cross III. illus tabs US Nav Inst Proc 97:244-273 May '71
- A future for the destroyer? CAPT W. J. Ruhe, Ret. illus US Nav Inst Proc 97:33-38 Aug '71
- G. E. will build engines for Spruance DDs. ADM William M. Callaghan. illus Armed Forces J 108:17 Jan 18 '71
- The helicopter: An extension of the DE (Destroyer Escort) in the Royal Navy. CDR J. P. Gunning. illus US Nav Inst Proc 97:105-107 Aug '71
- Inexpensive NATO frigates. John Marriott. illus NATO's Fifteen Nations 16:64-69 Oct-Nov '71
- Japan's new destroyer (Haruna). illus tab Navy 14:15 Apr '71
- A new partnership: The helicopter and the destroyer. LTJG Walter W. Price II. illus US Nav Inst Proc 97:99-101 Jun '71
- Soviet triple-threat (guided-missile destroyer). Navy 14:37 Jul-Aug '71
- The Vosper Thornycroft Mark 5 and Mark 7 fast destroyer/frigate designs. A. A. C. Griffith. illus tab Intl Def Rev 4:248-250 Jun '71

DESTROYERS - ContinuedHistory

- Banana boats and blockade runners. CDR John D. Alden, Ret. illus US Nav Inst Proc 97:64-66 Apr '71
- Destroyers, 1971. Richard F. Cross III. illus tabs US Nav Inst Proc 97:244-273 May '71

DETECTION EQUIPMENT

- Air Force's Evans: A way to deny the enemy. illus Govt Exec 3:30 May '71
- Demon of death. LtCol Jack B. Farris, Jr. illus Infantry 61:22-25 Jul-Aug '71
- Digital naval weapons control systems. R.D.S. Stubbs. illus Intl Def Rev 4:251-252 Jun '71
- New initiatives in armor. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Maj Nathaniel W. Foster, Jr. Armor 80:35-38 Jul-Aug '71
- Panoramic receiver operation in strong signal environments. Donald L. Roubadeaux. illus Elect Warfare 3:21+ Convention Issue '71
- Real time truth no. 1. Capt J. T. Thomas. illus Tac Air Recon Dig 5:29-30 Feb '71; Real time truth no. 2. 5:29-31 Jun '71
- Unattended ground sensors. 1stLt John S. Nichols. illus Fld Artilleryman, pp 6-12, Mar '71
- XM76 antioscillation sighting system. illus Fld Artilleryman, pp 17-19, Mar '71

Testing

- Tactical electronic warfare. Paul S. Handzel. illus tab Elect Warfare pt 1, 3:15+ Winter '71; pt 2, 3:12+ Spring '71

DETERRENCE

- Air Force technical intelligence. Col Robert B. Kalisch. illus AU Rev 22:2-11 Jul-Aug '71
- B-1--vital to nation's defense. (Address, Iron Gate Chapter, AFA, New York, Sep 14, 1971) MajGen Douglas T. Nelson. AF Plcy Ltr for Comdrs: Sup No. 11:2-9 Nov '71
- Beyond Vietnam. (Address, American Newspaper Publishers Assoc Luncheon, New York, April 21, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 6:12-17 Jun '71
- Blueprint for survival. LtGen Ira C. Eaker, Ret. illus Ordnance 56:43-45 Jul-Aug '71
- The bluewater strategy--Nixon and liberals in tune. Dennis W. Brezina. illus Navy 14:24-28 May '71
- A clearer perspective. (Remarks, Washington Chapter, American Ordnance Assoc, Washington, April 12, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 6:18-24 Jun '71
- Command and control. BrigGen Lawrence W. Steinkraus. illus Ordnance 55:440-443 Mar-Apr '71
- Data for deterrence. MajGen William C. Garland. illus Combat Crew 22:2+ Oct '71
- Defence against what? John C. Garnett. illus Royal United Svc Instn J 115:24-26 Dec '70
- Defense budget highlights. (Approach to FY 1972-1976 program and FY 1972 budget. Excerpts from Defense Posture Statement) Melvin R. Laird. illus tabs Def Ind Bul 7:1-31 Spring '71
- Deterrence and the art of war. James D. Elliott. tab Mil Rev 51:48-51 Oct '71

DETERRENCE - Continued

- The evolution of the philosophy of war. Col Antonio Pelliccia. illus NATO's Fifteen Nations 15:56-59+ Dec '70-Jan '71
- 'Expanded Poseidon' clouds ULMS picture. James D. Hessman and Benjamin F. Schemmer. Armed Forces J 108:16-17 Aug '71
- FY 1972 Defense RDT&E program: Research and development in U.S. Defense Posture. John S. Foster, Jr. illus tab Def Ind Bul 7:1-7 Summer '71
- Factors in military decision-making: Communication and cross-cultural analysis. LtCol Russell A. Turner II and Hamid Mowlana. illus AU Rev 22:24-33 Mar-Apr '71
- Hedging on a strategic gamble. Col Joseph E. Muckerman II. illus Army 21:10-16 Sep '71
- Laird sees changes in strategy. AF Times 31:8 Jan 13 '71
- Louder than words--the case for Air Force modernization. Airman 15:4-6 Mar '71
- Moorer: Viable options, purple suit questions and the pendulum theory. Interview. ADM Thomas H. Moorer. illus Armed Forces J 108:18-22 Jan 4 '71
- Public management of national security. Robert C. Seamans, Jr. illus tab AF Mag 54:40-43 May '71
- 'Realistic deterrence.' Editorial. John L. Frisbee. illus AF Mag 54:4+ Apr '71
- Realistic deterrence and new strategy. Col Kenneth L. Moll. illus AU Rev 23:2-12 Nov-Dec '71
- SAC boss lists vital weaponry. Interview. Gen Bruce K. Holloway. illus AF Times 31:15 Apr 7 '71
- Seapower--the lower spectrum. CDR Charles W. Koburger, Jr. illus Mil Rev 51:62-68 Jun '71
- Strategic Air Command: The "peace is our profession" corps. illus Contact 25:2-5 Sep-Oct '71
- Strategic deterrence: Rationale, negotiations, threat, and status. George Weiss. illus Armed Forces J 108:24-27 Jun 7 '71
- Strategic deterrence still top priority--funding about the same, weapons improved but not increased, future options kept open through research. Brooke Nihart. Armed Forces J 108:30 Feb 15 '71
- The strategic frontier. Gen Bruce K. Holloway. Ordnance 55:526-528 May-Jun '71
- Strategic mobility and European NATO. MajGen J. L. Moulton, Ret. illus NATO's Fifteen Nations 16:34-40 Oct-Nov '71
- Strategic "superiority" in superpower relations. Colin S. Gray. illus Mil Rev 51:8-21 Dec '71
- The strategic triad. MajGen G. W. Johnson and others. illus Ordnance 55:343-346 Jan-Feb '71
- The synergy of the triad. Gen John C. Meyer. illus AU Rev 22:17-25 Sep-Oct '71
- Toward a strategy of realistic deterrence--strategy overview. (Excerpts from Defense Posture Statement) Melvin R. Laird. Def Ind Bul 7:3-4 Spring '71
- Triad defense. LtGen Ira C. Eaker, Ret. AF Times 32:13 Dec 29 '71
- USAF's role in realistic deterrence. (Address, AFA Convention, Washington, Sep 19-23, 1971) Gen John D. Ryan. illus AF Mag 54:66-69 Nov '71
- The use of seapower in countering the strategy of interposition. (Research paper, College of Naval Command and Staff, 1971) LCDR William M. Pitt. illus Nav War Col Rev 24:47-69 Sep '71

DETERRENCE - Continued

What is relevant power? (Address, Air Power Council, Fort Worth, Tex, Oct 5, 1971) LtGen George J. Eade. AF Plcy Ltr for Comdrs: Sup No. 12:25-30 Dec '71

Why not a unified strategic command? John L. Frisbee. illus AF Mag 54:36-40 Mar '71

DIESEL ENGINESMaintenance and Repair

Preventive maintenance of diesel engines. Robert F. Cummings. AF Civil Engr 12:26-27 Feb '71

DIETRICH, William A.

New 839th AD commander is a veteran airlifter-- Gen (John H.) Herring replaces Gen (William A.) Dietrich. Tac Alft 1:5 Jul '71

DIGITAL COMMUNICATIONS

AACOMS (Army Area COMMunicationS) high capacity system. Frank D. Penas. Signal 26:41-42+ Oct '71

Air Force Communications Service completes its first decade. illus Signal 25:5-9 Jul '71

Automation improves airlift. LtCol Robert F. Ellington. illus Tac Alft 1:12-13 Apr '71

Conditioning of circuits for digital data transmission. Leon H. Rovick. Signal 25:38-40 Mar '71

CORrect COMMunication--revolutionary, digital communications error detection correction system. Theodore O. Meyer. illus Signal 26:35-37 Nov '71

A forward look (at computers and communications in the 1970's. (Address, AFCEA, Washington, June 10, 1971) Lawrence G. Roberts. illus map Signal 25:77-81 Aug '71

The introduction of digital transmission into the DCS Aubrey A. Childers. illus Signal 25:42-44 Mar '71

The micro-miniaturized computer. Ralph S. La Montagne. illus tab Signal 25:25-28 Apr '71

The mini-computer: A new tool for communicators. Arnold Shore. illus Signal 25:15-17 Apr '71

The next 25 years (in the communications-electronics field). Dause L. Bibby and others. illus Signal 25:44-47+ Jun '71

Radio set AN/GRC-143--the latest in military communications. Arnold M. Jensen and John R. Simkovich. illus Signal 25:9-16 May '71

Selective access to tactical information. W. G. Welchman. Signal pt 1, The problem. 25:17-19 Feb '71; pt 2, Selective access to tactical information. 25:27-31 Mar '71

Signal interviews LtGen Richard P. Klocko. Signal 26:6-7 Sep '71

Space age technology for ground communications. (Interview with Edward Berg) illus Signal 25:34-37 May '71

Tactical data handling in the Royal Navy. LtComdr J. Claisse. illus Intl D of Rev 4:436-439 Oct '71

Trends and future of telecommunications. Henri Busignies. Signal pt 1, 26:16-19 Nov '71; pt 2, 26:18-21 Dec '71

Wideband modems--toward a digital DCS. Lee Blachowicz. illus Signal 26:6-10 Dec '71

DIPLOMACY

Public diplomacy and the missiles of October. (Research paper, College of Naval Warfare, 1971) G. Scott Sugden. illus map Nav War Col Rev 24:28-43 Oct '71

DIPLOMATIC AND CONSULAR SERVICE

Career diplomats for the 70's. John H. Statesman, Jr illus Army Dig 26:6-9 May '71

Embassy Marine. Raymond J. Barrett. illus MarCor Gaz 55:27-31 Mar '71

Veterans welcome in foreign service. AF Times 32:17 Sep 8 '71

DIRECTION-FINDING EQUIPMENT

Electronic warfare, electromagnetic support measures and direction finding. William C. Doyle. illus Signal 26:6-10 Nov '71

DIRECTIVES

DOD issues 'objector' Directive (1300.6)--covers ethical belief. AF Times 32:3 Sep 15 '71

Mobilization policies are consolidated into a single document. Officer 47:25 Jan '71

Official directives: For non-people? Tone more vital than contents. Bruce Callander. AF Times 31:13 May 5 '71

DISASTER CONTROL

Disaster planning at major airports. Georges P. Bergot. illus tabs Aerosp Med 42:449-455 Apr '71

Disaster preparedness. TIG Brief 23:7 May 21 '71

The focus is on contingency planning. TIG Brief 23:20-21 Sep 24 '71

Harnessing the high water. Col Richard L. Hunt. illus Army Dig 26:4-6 Mar '71

Important revision to disaster preparedness regulation. TIG Brief 23:1 Oct 8 '71

Partners in protecting people. John E. Davis. illus Def Trans J 27:38-41 Sep-Oct '71

Partnership in disaster preparedness. John E. Davis. illus Def Ind Bul 7:10-11 Winter '71

Remote "eyes and ears" for flood warnings. Col Frank P. Bane. Mil Engr 63:19-20 Jan-Feb '71

Valley of the giant (Mississippi River). John W. Anderson. illus map Army Dig 26:7-9 Mar '71

The Volkerak project. M. A. van Weel. illus map Mil Engr 63:188-192 May-Jun '71

DISASTERSSee also

Hurricanes
Tornadoes
Typhoons

Air Force support--natural disaster relief operations. TIG Brief 23:5 Apr 9 '71

Bases provide aid in disasters--blizzards, tornadoes, earthquake. illus AF Times 31:19 Mar 17 '71

Earthquake disaster engineering. Col Robert J. Malley. illus Mil Engr 63:153-156 May-Jun '71

Earthquake! Natural disasters and U.S. foreign policy. LCDR Stanley R. Cornwell. illus Nav War Col Rev 23:63-70 Feb '71

DISASTERS - Continued

Guard answers 'quake, tornado and riot calls. Natl Guardsman 25:34 Mar '71

Mission of mercy: Pakistan. CW2 Stephen P. Miles. illus USA Avn Dig 17:30-31 Jun '71

Oil on troubled waters. illus Navy 14:31-32 Feb '71

Partnership in disaster preparedness. John E. Davis. illus Def Ind Bul 7:10-11 Winter '71

Seismic safety for dams. Reginald A. Barron and Charles F. Corns. Mil Engr 63:236-238 Jul-Aug '71

Small teams, big results (Disaster Assistance Relief Team--DART). PFC Dennis Chapman. illus Soldiers 26:47-48 Aug '71

Southern Command aids flood victims. AF Times 31:46 Jan 13 '71

Task force: "Golden Hawk." SP4 Tony DeStafano. illus USA Avn Dig 17:32-34 Apr '71

Team at Albrook (AFB, CZ) films 'quake damage in Peru. AF Times 31:34 Mar 17 '71

Two oceans--four continents, with HMM-365. Lt Jerry L. Jochims. illus MarCor Gaz 55:31-34 May '71

Vandy (Vandenberg AFB, Calif) helps save 16 as boat sinks. AF Times 31:19 Mar 17 '71

DISCHARGES, RELEASES, AND SEPARATIONSSee also

Reduction in Force
Retirement

Air Force

Administrative discharge. TIG Brief 23:5 May 7 '71

Administrative separation of AF commissioned officers and warrant officers. TIG Brief 23:10 May 21 '71

Antiwar officers can resign now. George Foster. AF Times 32:1+ Sep 1 '71

Cash asked for separates. AF Times 32:1+ Oct 27 '71

Centralized rehabilitation program. TIG Brief 23:6 Apr 23 '71

Demotion power widened in Reg (AFR 39-30). AF Times 32:1+ Oct 6 '71

Disabled situation scanned. AF Times 31:8 Jun 16 '71

Dissenting officers must show 'proof.' AF Times 32:2 Sep 29 '71

Drug discharges largely banned. AF Times 31:4 Jul 28 '71

EM career to change--actions weighed. Bob Schweitz AF Times 31:1+ Feb 24 '71

Early exit offered to 4,000 officers. George Foster. AF Times 32:1+ Dec 22 '71

Early outs seen unlikely in FY'72. AF Times 32:1+ Nov 3 '71

Force-out hits 438 captains. George Foster. AF Times 31:1+ Mar 3 '71

(Gen John C.) Meyer hits transfers of unfit. AF Times 32:19 Dec 1 '71

Hardship release eased. AF Times 32:1+ Dec 22 '71

Latest criteria outlined for objector status. AF Times 32:38 Nov 10 '71

DISCHARGES, RELEASES, AND SEPARATIONS

Continued

Air Force - Cont'd

New out actions shelved. Bruce Callander. AF Times 31:1+ Feb 24 '71

New rehabilitation project starts. AF Times 31:20 May 19 '71

Officer loss 'must slow.' George Foster. AF Times 31:1+ Jan 27 '71

Ousted officers entitled to public hearing. AF Times 32:10 Nov 10 '71

Post-hike out rules due soon. AF Times 31:1+ Jan 6 '71

Pregnancy ousters relaxed--waiver of discharge 'considered.' AF Times 31:3 Mar 17 '71

Reg(ular) AF outs probed. AF Times 31:5 Jun 16 '71

Release offered survivors of Vietnam-era casualties. AF Times 32:6 Dec 8 '71

Reserve officer tours cut 2 months by Army. AF Times 32:10 Sep 15 '71

31 (AF officers) ousted as 'unfit.' AF Times 32:3 Oct 20 '71

3 (B-52 crew members) sue to stop ouster. AF Times 31:2 Jul 14 '71

Troublemakers face axe. Bruce Callander. AF Times 32:1+ Sep 15 '71

Unwed nurse (Capt Susan Struck) nearing discharge. AF Times 32:17 Dec 8 '71

Up-or-out rules tighter--PETS cut off. AF Times 31:24 May 5 '71

Statistics

Officer DOS plans. Table only. AF Times 31:4 Feb 3 '71

Armed Forces

EM problems hit all Services. AF Times 32:24 Oct 20 '71

House unit okays lawyer pro pay. AF Times 31:4 Jun 23 '71

Regular berths revoked. Jim Sample. AF Times 31:1+ Jun 2 '71

Review of undersirable discharges given because of drug abuse. TIG Brief 23:2 Oct 22 '71

Salary system, cash payoff to separatees recommended. AF Times 31:2 Apr 28 '71

Army

Relieved of command. LtCol Martin Blumenson. illus Army 21:30-37 Aug '71

Their last formation. SP4 Tom Bailey. illus Army Dig 26:4-7 Feb '71

What money can't buy. (Honorable discharge) SP4 Chuck Noland. illus Soldiers 26:24-25 Nov '71

Navy

Drug abuse: Out in the open. CDR Herbert T. St Omer Woolley and LCDR Lee H. Beecher. illus tab US Nav Inst Proc 97:18-35 Nov '71

Reserve Forces--Air Force

Force-out hits 438 captains. George Foster. AF Times 31:1+ Mar 3 '71

DISCHARGES, RELEASES, AND SEPARATIONS -

Continued

Reserve Forces--Armed Forces

Many Reserve officers facing force-out from active duty. Officer 47:25 Mar '71

Reserve Forces--Army

Army forces out 499 but RIF in AF unlikely. AF Times 31:20 Feb 24 '71

Reserve Forces--Marine Corps

Marine Corps convenes RIF board. Armed Forces J 108:12-13 Mar 1 '71

DISCIPLINE, MILITARY

Can the Marines be a band of Spartans in the age of Aquarius? Mel Jones. illus AF Times, Family sup:6-7+ Nov 3 '71

The collapse of the Armed Forces. Col Robert D. Heinl, Jr. illus Armed Forces J 108:30-38 Jun 7 '71

Discipline. (The experience level within the B-52 and KC-135 crew force considerably less than SAC had in past years) Col Wm. P. Armstrong. illus Combat Crew 22:19-21 Dec '71

Discipline and dissent. (Address, North Carolina State University, Raleigh, May 15, 1971) MajGen R. N. Ginsburgh. AF Pley Ltr for Comdrs: Sup No 8:16-21 Aug '71

Discipline balance sought. Bruce Callander. AF Times 32:13 Nov 3 '71

Draftees vs lifers: Loser is Army morale. Col Robert D. Heinl, Jr. Armed Forces J 108:19 May 3 '71

Fraternization issue remains muddled. AF Times 32:6 Nov 17 '71

Hébert upsets troops on morale. AF Times 31:1+ Feb 3 '71

IG scores commanders delegating discipline job. AF Times 32:10 Dec 1 '71

Lowry (AFB, Colo) group salvages airmen--penal reform model. Jim Sample. illus AF Times 31:22 May 19 '71

Maintaining discipline through dynamic leadership. TIG Brief 23:1 Sep 24 '71

Military discipline & national security. Gen Hamilton H. Howze, Ret. illus Army 21:11-15 Jan '71

'Motivate me!' LtCol Albert N. Garland, Ret. illus Army 21:41-44 Dec '71

Paging unsung heroes. (Post-Vietnam troops with serious morale and discipline problems) Maj Lewis Higinbotham. AF Times, Family sup:6-8+ Dec 1 '71

Peer discipline is strong force. Gen Bruce C. Clarke, Ret. Army 21:9 Sep '71

Removing 'irritants' may lower esprit. Col William Moore. AF Times 32:13 Oct 27 '71

The role of security police vis-a-vis the commander in maintaining discipline. TIG Brief 23:20 Nov 5 '71

Tough and proud of it! Maj Robert E. Hamilton. MarCor Gaz 55:48-49 Apr '71

DISEASES

Case of mumps during hyperbaric exposure. R. E. Danziger and others. illus Aerosp Med 42:1335-1337 Dec '71

DISEASES - Continued

Case report of death due to cardiac arrest or arrhythmia secondary to coronary arteriosclerosis in a 24 year-old aviator. John R. Anderson. Aerosp Med 42:1113-1115 Oct '71

Epidemiological aspects of airport medicine. J. G. Constantino. Aerosp Med 42:456-460 Apr '71

Epilepsy and medical examinations of flight personnel, importance and difficulty of diagnosis. J. Lavernhe and others. Aerosp Med 42:889-890 Aug '71

Hazard rate of recurrence in patients with malignant melanoma. Fred G. Conrad and others. illus tabs Aerosp Med 42:1219-1225 Nov '71

It's that time of year again. (Respiratory disease season) LtCol Phillip E. Winter. illus Army Dig 26:48-49 Jan '71

A matter of involvement. (Navy's venereal disease prevention program) LT Whitney P. Thomas. illus US Nav Inst Proc 97:104-105 Apr '71

Medical intelligence. TIG Brief 23:16 Dec 3 '71

Penicillin resistance of D. pneumoniae in upper respiratory infections associated with diving. Lawrence Raymond and others. illus tab Aerosp Med 42:196-198 Feb '71

Safety of INH (isoniazid) chemoprophylaxis in aviation personnel. Clarence Shub and others. illus tabs Aerosp Med 42:1325-1335 Dec '71

TB crackdown ordered. AF Times 32:22 Sep 29 '71

Thermovision and disease diagnostics. M. M. Miroshnikov and Yu. S. Chernyayev. illus Aerosp Med 42:746-749 Jul '71

Tuberculosis detection and control. TIG Brief 23:16 Oct 22 '71

Vertiginous flyer: A review of 6 years' experience of the aeromedical consultation service. Frederic M. Brown. tabs Aerosp Med 42:891-893 Aug '71

When smallpox struck. LT George Smith Blake. illus US Nav Inst Proc 97:78-81 Sep '71

DISPERSAL, MILITARY

See also
Air Bases--Dispersion

DISPLACED PERSONS see RefugeesDISPLAY SYSTEMS

A-7D--weapons delivery in the manual mode. Capt John C. Morrissey. illus tabs USAF Ftr Wpns Rev No. 1:34-45 Spring '71

AIMS (Air traffic control radar beacon, Identification, friend or foe, Mark XII Systems). illus Interceptor 13:22-24 Apr '71

Automatic air traffic control displays. T. H. Harrison. illus map Interavia 26:934-936 Aug '71

A building-block reconnaissance receiver. Gary Oleari. illus tab Elect Warfare 3:8+ Winter '71

C-5 navigational systems. Maj John R. Livingstone. illus map MAC Flyer 18:19-23 Apr '71

Computer displays for naval weapon and information systems. R. T. Pretty. illus Intl Def Rev 4:253-254 Jun '71

Deformographic Storage Display Tube (DSDT). B. J. Ross. illus tab Signal 26:28-31 Dec '71

DISPLAY SYSTEMS - Continued

- Dollars and sense in HUD (Head Up Display) handling. Harold W. Rosenberg. illus Aerosp Safety 27:12-13 Nov '71
- European radar and flight data processing systems. illus Interavia 26:1184-1186 Oct '71
- Hover lift computer. Maj John M. Apgar. illus USA Avn Dig 17:28-30 Nov '71
- Panoramic receiver operation in strong signal environments. Donald L. Roubadeaux. illus Elect Warfare 3:21+ Convention Issue '71
- Return of 'IFR.' Richard G. Wiley. illus Elect Warfare 3:7-8+ Convention Issue '71
- SEA scope returns. Capt Richard W. Cooper, Jr. Navigator 18, No. 3:23-24 '71
- Schiphol Airport air traffic control for the seventies. illus map Interavia 26:138-139 Feb '71
- Solid state display technology. John Minck. illus Elect Warfare 3:7-8+ Spring '71
- V/STOL controls and displays. R.W. Howard. illus (Also cutaway) Interavia 26:144-146 Feb '71

DISSENTERS

- Antiwar officers can resign now. George Foster. AF Times 32:1+ Sep 1 '71
- The collapse of the Armed Forces. Col Robert D. Heintz, Jr. illus Armed Forces J 108:30-38 Jun 7 '71
- Combating internal strife. MSgt R.L. Crume. illus MarCor Gaz 55:46-48 Jan '71
- 'Disloyalty' appeal heard--Roger Priest case. AF Times 31:5 Jul 7 '71
- Dissent: Do we need it? Carroll Quigley. Persp in Def Mgt, pp 21-30, Jan '71
- Dissenting officers must show 'proof.' AF Times 32:2 Sep 29 '71
- Important revision to disaster preparedness regulation. TIG Brief 23:1 Oct 8 '71
- London protest trial--anti-war officer (Capt Thomas L. Culver) fined. AF Times 31:5 Jul 28 '71
- The philosophy of the counterculture. ENS William F. Averyt. illus Nav War Col Rev 23:17-25 Mar '71
- The prospects for student activism in Latin America. (Research paper, School of Naval Warfare, 1971?) G. Scott Sugden. illus Nav War Col Rev 23:54-60 Apr '71
- Roger Priest's conviction for disloyalty reinstated. AF Times 32:54 Sep 15 '71
- Slander suit lost by Maj (Giles A. Wanamaker, Jr). AF Times 32:5 Sep 1 '71
- The specter of 'Hanoi Helen.' Bruce Callander. AF Times 31:13 Apr 28 '71
- Troublemakers face axe. Bruce Callander. AF Times 32:1+ Sep 15 '71

DISTINGUISHED SERVICE MEDAL

- Col (James L. Cannell) given DSM award. AF Times 32:16 Oct 13 '71
- Crew of Apollo 15 given DSM award (and others cited). AF Times 32:48 Oct 13 '71
- DSM won by (LtCol Stuart A.) Roosa. AF Times 31:36 Mar 31 '71

DISTINGUISHED SERVICE MEDAL - Continued

- Gen Keith B. McCutcheon (promoted and awarded Distinguished Service Medal). Armed Forces J 108:15 Aug '71
- (LtCol Stuart A.) Roosa awarded DSM, (Command Pilot) Astronaut Badge. AF Pley Ltr for Comdrs: Sup No. 6:27 Jun '71
- (Lt)Col (Stuart A.) Roosa awarded DSM, (Command Pilot) Astronaut Badge. Contact 25:5 May-Jun '71
- USAF, Germany honor (Gen Joseph R.) Holzapple at retirement. illus AF Times 32:50 Sep 22 '71

DIVERS AND DIVING

- Aquanaut sleep patterns during Tektite I: A 60-day habitation under hyperbaric nitrogen saturation. P. Naitoh and others. illus tabs Aerosp Med 42:69-77 Jan '71
- Biochemical studies during saturation diving: Two exposures at 19.2 ATA with excursions to 23.7 ATA. D. E. Uddin and others. illus tabs Aerosp Med 42:756-762 Jul '71
- Blood volume changes in divers of Tektite I. Philip C. Johnson and others. illus tabs Aerosp Med 42:423-426 Apr '71
- Case of mumps during hyperbaric exposure. R. E. Danziger and others. illus Aerosp Med 42:1335-1337 Dec '71
- Changes in human urine and blood chemistry during a simulated oxygen-helium dive to 1,500 feet. P. B. Bennett and S. P. Gray. illus tab Aerosp Med 42:868-874 Aug '71
- Changes in vital capacity produced by oxygen breathing during immersion with the head above water. U. I. Ballin and others. tabs Aerosp Med 42:384-387 Apr '71
- Control of ventilation in underwater swimmers: The effect of intermittent exposure to hyperbaric O₂. L. J. Greenbaum, Jr and others. illus tab Aerosp Med 42:9-12 Jan '71
- Delineation of emergency surface decompression and treatment procedures for Project Tektite aquanauts. Peter O. Edel. illus tabs Aerosp Med 42:616-621 Jun '71
- Effect of increased pressures of normoxic helium, nitrogen and neon on EEG and reaction time in man. R. E. Townsend and others. illus tab Aerosp Med 42:843-847 Aug '71
- Five hundred sixteen ft (16.6 ATA) five-day ocean saturation dive using a mobile habitat. Jon Pegg. illus tab Aerosp Med 42:1257-1262 Dec '71
- Helium-oxygen saturation diving: II. Serum chemistries and urinalyses. James Vorosmarti, Jr and others. illus tabs Aerosp Med 42:13-16 Jan '71
- Hyperbaric respiratory mechanics. Edwin G. Vail. illus tab Aerosp Med 42:536-546 May '71
- Measurement of tremor in the Makai Range 520-foot saturation dive. Arthur J. Bachrach and others. illus Aerosp Med 42:856-860 Aug '71
- Noise: A hazard to divers and hyperbaric chamber personnel. J. K. Summitt and S. D. Reimers. illus tabs Aerosp Med 42:1173-1177 Nov '71
- Osmosis induced by nitrogen. B. A. Hills. illus tabs Aerosp Med 42:664-666 Jun '71

DIVERS AND DIVING - Continued

Penicillin resistance of *D. pneumoniae* in upper respiratory infections associated with diving. Lawrence Raymond and others. illus tab Aerosp Med 42:196-198 Feb '71

Performance efficiency of men breathing oxygen-helium at depths between 100 feet and 1500 feet. P. B. Bennett and E. J. Towse. illus tab Aerosp Med 42:1147-1156 Nov '71

Thoracic squeeze diving casualty. Michael B. Strauss and Philip W. Wright. illus Aerosp Med 42:673-675 Jun '71

Urticaria following the sequential breathing of various inert gases at a constant ambient pressure of 7 ATA: A possible manifestation of gas-induced osmosis. G. Douglas Blenkarn and others. illus tabs Aerosp Med 42:141-146 Feb '71

DIXON, Robert J.

The military manpower challenge. (Remarks, Military Manpower Challenge Symposium, AFA Convention, Washington, Sep 21, 1971) LtGen Robert J. Dixon. AF Ploy Ltr for Comdrs: Sup No. 11:23-28 Nov '71

Mission: You! Interview. LtGen Robert J. Dixon. por Airman 15:25-32 Jul '71

The people get a (USAF Personnel) Plan. LtGen Robert J. Dixon. por AF Mag 54:48-53 Aug '71

Preparing for zero draft. (Remarks, Pentagon Press Corps, Washington, Dec 7, 1970) LtGen Robert J. Dixon. AF Ploy Ltr for Comdrs: Sup No. 2:19-23 Feb '71

DIZZINESS see Vertigo

DOCKS

The Ammi lift dock. LCDR Q. E. D. Lewis. illus Mil Engr 63:42-43 Jan-Feb '71

History

Mr Jefferson's mothball fleet. John P. Sinnott. map illus Navy 14:22-27 Apr '71

DOCTORS see Physicians

DOCTRINEAir Force--U. S.

The requirement for a tactical air superiority fighter in the United States Air Force--now and in the 70s. Maj H. L. Kimsey. illus Hawk No. 31:51-55+ Feb '70

Armed Forces--NATO

The Bertrand Stewart Prize Essay, 1970. (Concept of European operations for the 1980 period) Lt J. C. B. Sutherell. illus Army Qtr 101:163-177 Jan '71

Armed Forces--Russia

The Bertrand Stewart Prize Essay, 1970. (Concept of European operations for the 1980 period) Lt J. C. B. Sutherell. illus Army Qtr 101:163-177 Jan '71

Military theory and commander's practice. Col G. Lukava. Soviet Mil Rev No. 2:14-16 Feb '71

Marine Corps--U. S.

More flexible doctrine. Maj R. D. Ammon. MarCor Gaz 55:49-50 Oct '71

NATO

A common Western nuclear doctrine? LtCol Marc E. Geneste, Ret. illus Mil Rev 51:3-12 Sep '71

DOGS

Dogs in countermine warfare. Capt Woodrow L. Quinn, Jr. illus Infantry 61:16-18 Jul-Aug '71

Dogs with a bit of boom. Capt Gary A. Guimond. illus Airman 15:44-50 Jun '71

Don't call them superdogs. Barry Fishler. illus AF Times, Family sup:10-11 Dec 1 '71

Jobs for dogs fade in Viet withdrawal. AF Times 31:8 Jan 13 '71

Patrol dog training. MSgt Charles L. Truax. illus USAF Instrs J 9:26-32 Fall '71

Private Pagett USMC (English bulldog mascot presented by Royal Marines). BrigGen Dion Williams. (Reprinted from MarCor Gaz, Sep 1927) illus MarCor Gaz 55:43-46 Nov '71

SEA dogs returning to states. AF Times 31:20 May 19 '71

Scout dogs flown to U.S. as combat cools down. AF Times 32:34 Sep 8 '71

USAF military working dog program. TIG Brief 23:18 Mar 26 '71

DOMESTIC ACTION PROGRAMSee also

Civic Action Program

The changing role of the military profession. BrigGen Robert N. Ginsburgh and Capt Pember W. Rocap. illus AU Rev 22:2-13 Mar-Apr '71

Domestic action: A DOD welfare program? LtCol Carl H. Carey, Jr. illus AU Rev 22:67-75 Mar-Apr '71

(Gen Lewis W.) Walt's retirement plans. (To head U.S. Marine Youth Foundation) illus Govt Exec 3:18 Jan '71

Leadership--challenge and responsibility. (Remarks, ROTC Commissioning Ceremony, Washington State University, Pullman, June 6, 1971) LtGen Harry E. Goldsworthy. AF Ploy Ltr for Comdrs: Sup No. 8:4-10 Aug '71

One man (SP5 David Twait) domestic action program. illus Soldiers 26:9 Oct '71

Our nation's dual goals: Security and progress. (Remarks, Air Force Awards Banquet, Fort Worth, Tex, June 26, 1971) Robert C. Seamans, Jr. AF Ploy Ltr for Comdrs: Sup No. 9:2-6 Sep '71

Project We Care. (AF Reservists help Sabina, Ohio build a community recreation area) illus Air Reservist 23:6-7 May-Jun '71

The taming of the screwworm (Project Coronet Roundup). Capt Gary A. Guimond. illus Airman 15:26-29 Oct '71

DONALDSON, John W.

The tragedy of Gen Donaldson: Victim of antimilitary hysteria? Col Robert D. Heintz, Jr. Armed Forces J 108:19 Jun 21 '71

DONOHEW, Jack N.

Hero (the late Col William A. Jones III) honored in dedication (of Air War College auditorium, Maxwell AFB, Ala). AF Times 31:38 Jun 23 '71

(LtGen Earl C.) Hedlund receives job with CENTO (and other star shifts announced, including changes at Air War College). AF Times 31:3 Jun 30 '71

DOOLITTLE, James H.

Doolittle's instrument first--it was Jimmy Doolittle, famous daredevil racing pilot, who first proved that blind flying was possible. C.V. Glines. por Combat Crew 22:8-12 Dec '71

The Halsey-Doolittle Tokyo raid. John Sherman Critchfield. por Sea Power 14:25-29 Dec '71

(Power for freedom) (Address, AFA's Silver Anniversary Banquet, Washington, Feb 5, 1971) LtGen James H. Doolittle, Ret. por AF Mag 54:82-85 Apr '71

DORIA, Andrea

Andrea Doria: Soldier of the sea. CAPT Brown Taylor, Ret. illus map US Nav Inst Proc 97:47-57 Sep '71

DOSIMETERS see Radiation MetersDRAFT, MILITARY see Military Service, CompulsoryDRILL

Calling all drill experts--a new FM 22-5. Capt Robert E. Willis. illus Infantry 61:14-16 Sep-Oct '71

Key man on the mod scene (Army drill sergeant). SP4 Rene Abadie. illus Soldiers 26:8-11 Aug '71

Teamwork--the key. Capt Stephen R. Haney. illus Infantry 61:34-36 Nov-Dec '71

DRONESSee also

Aircraft, Remotely Piloted

GAO hits Navy DASH (Drone AntiSubmarine Helicopter) concurrency problems. Armed Forces J 108:10-11 Feb 1 '71

Remotely piloted aircraft: Not drones--a pilot flies them, low cost, higher performance against heavily defended targets. George Weiss. illus Armed Forces J 108:22-24+ May 17 '71

Swedish developing reconnaissance drone. John Marriott. Armed Forces J 108:21 May 3 '71

Tactical-drones. LtCol William H. Starnes, Jr. illus Elect Warfare 3:4-5+ Convention Issue '71

Target drone systems. J. Philip Geddes. illus tab Intl Def Rev 3:167-172 Jun '70

DRUG ADDICTS

A commander's guide to drug abuse. Capts James R. Smith and Frank G. Watkins. illus tab Infantry 61:12-15 Jan-Feb '71

Drug abuse: Out in the open. CDR Herbert T. St Omer Woolley and LCDR Lee H. Beecher. illus tabs US Nav Inst Proc 97:18-35 Nov '71

Drug abuse telephone counseling service. TIG Brief 23:14 Nov 19 '71

Drug discharges largely banned. AF Times 31:4 Jul 28 '71

Drug proposals due--early House action. AF Times 32:21 Aug 25 '71

Drug rules ease but no amnesty. Jim Sample. AF Times 31:1+ Mar 24 '71

Expansion slated in drug testing. AF Times 32:6 Sep 1 '71

Human reliability program. TIG Brief 23:4 Aug 6 '71

Rapping with the junkies. (Interviews with soldiers) LtCol Bob Chick. illus Army Dig 26:31-35 Feb '71

DRUG ADDICTS - ContinuedRehabilitation

Addict 'holds' likely. Jim Sample. AF Times 32:1+ Oct 6 '71

Addicts double airevac. Jim Sample. AF Times 32:1+ Oct 13 '71

Additional duties eyed for drug control men. Jim Sample. AF Times 32:1+ Sep 29 '71

Airman rehabilitation program. TIG Brief 23:6 Jun 18 '71

DOD expands aid provided addicts. Jim Sample. AF Times 31:4 Jul 7 '71

Drug abuse: Out in the open. CDR Herbert T. St Omer Woolley and LCDR Lee H. Beecher. illus tabs US Nav Inst Proc 97:18-35 Nov '71

Drug abuse rehabilitation program. AF Pley Ltr for Comdrs: Sup No. 8:29-30 Aug '71

Drug abuse rehabilitation program goes into high gear. TIG Brief 23:13-14 Jul 23 '71

Drug aid center set at Lackland (AFB, Tex). Jim Sample. AF Times 31:4 Jul 14 '71

Drug aid ordered by Nixon. Bob Schweitz. AF Times 31:1+ Jun 30 '71

Drug user re-up rules set. AF Times 32:6 Sep 1 '71

'Head Shed' helps Viet drug abusers. Maj Ron Sherman. illus AF Times 31:18 Jun 30 '71

Kicking the habit--Ft Bragg style. (Operation Awareness) SGM Fred H. Bost. illus Army 21:23-27 Mar '71

Lowry (AFB, Colo) group salvages airmen--penal reform model. Jim Sample. illus AF Times 31:22 May 19 '71

Meeting the drug challenge. William Leavitt. tab illus AF & Space Dig 54:28-31+ Jan '71

New drug center (for Marine and Navy personnel opened in Jacksonville, Fla). MarCor Gaz 55:6 Dec '71

On mainstreaming the mainliners--drug abuse. James F. Southerland and Douglas L. Southerland. illus Govt Exec 3:80+ Sep '71

President, SecDef declare war on heroin. Armed Forces J 108:17-18 Jul 5 '71

Senate votes to retain addicts for treatment. Jim Sample. AF Times 31:15 Jun 23 '71

1,600 airmen join drug rehab program. AF Times 32:16 Dec 8 '71

1,300 drug users seek rehabilitation. AF Times 32:3 Dec 29 '71

357 airmen volunteer for drug habit treatment. Jim Sample. AF Times 31:22 Jun 9 '71

USAF Special Treatment Center. TIG Brief 23:8 Nov 5 '71

Wider drug aid pushed for vets. Larry Carney. AF Times 31:22 Jun 9 '71

DRUGS

AF to buy new type drug gear. AF Times 32:3 Aug 11 '71

Antidrug smuggling program. TIG Brief 23:13 Nov 19 '71

Be drug wise. TIG Brief 23:3 Dec 31 '71

DRUGS - Continued

Burma poppies first Ranch Hand target? Armed Forces J 109:21-22 Nov '71

CHAMPUS will pay for prescriptions. AF Times 31:13 May 12 '71

Clean up the drug scene. Capt George F. Bennett. illus Soldiers 26:36-37 Dec '71

A commander's guide to drug abuse. Capts James R. Smith and Frank G. Watkins. illus tab Infantry 61: 12-15 Jan-Feb '71

Concerted effort to combat drug abuse. TIG Brief 23:9 Jan 15 '71

Customs to inspect parcels for drugs. AF Times 31:2 May 26 '71

DOD shifts program on drugs. AF Times 32:51 Sep 22 '71

Discipline and drug woes rise in overseas schools. AF Times 31:15 Jan 20 '71

Dope-stop-teen program. TIG Brief 23:9 Feb 26 '71

Drug abuse increases among kin. AF Times 32:4 Dec 15 '71

Drug abuse--limited privileged communications. TIG Brief 23:8 Apr 9 '71

Drug abuse: Out in the open. CDR Herbert T. St Omer Woolley and LCDR Lee H. Beecher. illus tabs US Nav Inst Proc 97:18-35 Nov '71

Drug abusers in military become severe problem. AF Times 31:19 Apr 21 '71

Drug amnesty (Marine Corps policy statement on drug amnesty). MarCor Gaz 55:5 Jul '71

Drug hunt allows opening of letters. AF Times 31:6 Jul 7 '71

Drug proposals due--early House action. AF Times 32:21 Aug 25 '71

Drug rules ease but no amnesty. Jim Sample. AF Times 31:14 Mar 24 '71

Drug traffic drops in military's mail--surveillance improves. Tony McHale. AF Times 32:20 Oct 27 '71

Drug use extent aired--'cover-ups' ending. AF Times 31:6 Apr 14 '71

Exemption program for drug use, possession (for Navy and Marine personnel). MarCor Gaz 55:3 Aug '71

"How much does it cost" pamphlet. tab TIG Brief 23:19-20 Dec 31 '71

Illegal or improper use of drugs. TIG Brief 23:12 Oct 8 '71

Implementation of the comprehensive drug abuse prevention and control act of 1970 in USAF pharmacies. TIG Brief 23:20 Jun 4 '71

Kicking the habit--Ft Bragg style. (Operation Awareness) SGM Fred H. Bost. illus Army 21:23-27 Mar '71

Knowing the drug scene. Cpl L.M. Anthony. illus MarCor Gaz 55:37-40 Sep '71

Medical responsibility in drug user cases involving limited privileged communications. TIG Brief 23:9 Apr 9 '71

Meeting the drug challenge. William Leavitt. tab illus AF & Space Dig 54:28-31+ Jan '71

DRUGS - Continued

Military drug abuse increases. AF Times 31:24 May 12 '71

'Official' mail tightened. AF Times 32:20 Sep 15 '71

On mainstreaming the mainliners--drug abuse. James F. Southerland and Douglas L. Southerland. illus Govt Exec 3:80+ Sep '71

Pharmacy practices. TIG Brief 23:12 Mar 12 '71

President, SecDef declare war on heroin. Armed Forces J 108:17-18 Jul 5 '71

Ranch Hand may ride again: Opium poppies the target? Brooke Nihart. illus Armed Forces J 108: 19-20 Jul 5 '71

Rapping with the junkies. (Interviews with soldiers) LtCol Bob Chick. illus Army Dig 26:31-35 Feb '71

Reasons probed for drug abuse. Jim Sample. AF Times 31:14 Jan 27 '71

Review of undesirable discharges given because of drug abuse. TIG Brief 23:2 Oct 22 '71

SAC leaders attend session on drug use (at Drug Abuse and Race Relations Symposium, Norton AFB, Calif, Oct 1971). AF Times 32:26 Oct 20 '71

Safety of INH (isoniazid) chemoprophylaxis in aviation personnel. Clarence Shub and others. illus tabs Aerosp Med 42:1325-1335 Dec '71

Search ruled legal (by Air Force's Court of Military Review) in pusher's conviction. AF Times 32:35 Nov 10 '71

Self-medication. illus Approach 16:38-40 Jan '71

Smuggler searches tightened. AF Times 32:3 Nov 3 '71

Super agency set in narcotics war. AF Times 31:4 Jun 16 '71

USAF Special Treatment Center. TIG Brief 23:8 Nov 5 '71

Undesirable drugs. C. L. Battistone. illus Aerosp Safety 27:26-27 Feb '71

Viet drug abuse soars. Jim Sample. AF Times 31:14 May 19 '71

Vietnam drug raid snares 44 airmen. AF Times 31:35 Mar 17 '71

Westmoreland: Facing up to the external and internal challenges. Gen William C. Westmoreland. illus Armed Forces J 108:23-25+ Jan 4 '71

Statistics

Meeting the drug challenge. William Leavitt. tab illus AF & Space Dig 54:28-31+ Jan '71

Study and Teaching

Death of a demon. (Drug abuse education) Sgt Dave Cole. illus Airman 15:30-33 Aug '71

Drug education unit set up. AF Times 31:3 Apr 7 '71

94 officers will study drug abuse. Jim Sample. AF Times 31:4 Feb 10 '71

DRY DOCKS see DocksDUAL COMPENSATION

Complete dual pay pushed. AF Times 31:11 Jun 30 '71

Dual comp curb kept--Senate acts. tab AF Times 31:3 Jul 7 '71

DUAL COMPENSATION - Continued

Dual comp law here to stay. Ed Gates. AF Times 31:13 Jul 14 '71

Dual comp may change--many hurdles in the way. AF Times 31:3 Feb 24 '71

Dual pay change revived for 1972. AF Times 32:4 Dec 1 '71

Ex-military facing Civil Service probe. AF Times 31:5 Jul 21 '71

Retiree hiring faces probe. Ed Gates. AF Times 31:13 Jul 21 '71

DUFFY, Robert A.

(Gen Thomas D. White Space Trophy for 1970 presented to BrigGen Robert A. Duffy) AF Mag 54:20 Aug '71

Making it... and then some. (BrigGen Robert A. Duffy wins the Gen Thomas D. White USAF Space Trophy) William A. Kinney. por Airman 15:34-38 Aug '71

(Retiring BrigGen Robert A. Duffy to become vice president, Draper Laboratories, MIT) por AF Times 31:34 Jul 14 '71

Space--double indemnity for our future. (Address, Beverly Hills Rotary Club, Los Angeles, May 10, 1971) Prepared for LtGen S. C. Phillips; delivered by BrigGen R. A. Duffy. AF Pley Ltr for Comdrs: Sup No. 7:2-8 Jul '71

DUNCAN, Charles K.

ADM Duncan to be presented Minute Man Award. Officer 47:27+ Jun '71

ADM Duncan to receive Minute Man Hall of Fame Award at (ROA) Convention Banquet (San Diego, Calif, June 19, 1971). Officer 47:6 May '71

'Groomed for the job'--Duncan in profile. Jack Kestner. por biog Navy 14:31-32 Apr '71

ROA told of anti-military perils (at National Convention, San Diego, Calif, June 17-19, 1971, by Minute-Man Award winner ADM Charles K. Duncan, and BrigGen Gerald A. Hart elected ROA president). illus AF Times 31:17 Jul 7 '71

DUNCAN, Charles K. - Continued

U. S. military must not be isolated from mainstream of American life. (Excerpts from address, ROA National Convention, San Diego, Calif, June 17-19, 1971) ADM Charles K. Duncan (recipient of Minute Man Hall of Fame Award) por Officer 47:9+ Aug '71

DUPONT, Rene G.

Our business is people--the USAF personnel system. MajGen Rene G. Dupont. por AF Mag 54:43-47 Oct '71

DUTY AND RESPONSIBILITY, MILITARY

Around the world with SAM (Special Airlift Mission, which transports the President and other distinguished personages). Majs Jessie C. Baldock and Bernard E. Wilson. illus Navigator 18, No. 2: 11-13 '71

'A career of service to your fellowman is the highest career of all.' (Address, West Point, May '71) Richard M. Nixon. illus Armed Forces J 108:28-31 Jun 21 '71

The geodetic navigator. Maj Eugene R. Nelson. illus Navigator 18, No. 2:14-17 '71

Leadership--challenge and responsibility. (Remarks, ROTC Commissioning Ceremony, Washington State University, Pullman, June 6, 1971) LtGen Harry E. Goldsworthy. AF Pley Ltr for Comdrs: Sup No. 8:4-10 Aug '71

Relieved of command. LtCol Martin Blumenson. illus Army 21:30-37 Aug 71

Removing 'irritants' may lower esprit. Col William Moore. AF Times 32:13 Oct 27 '71

Responsiveness or failure? LtCol Norman E. Archibald. Signal 26:28-31 Sep '71

Slander suit lost by Maj (Giles A. Wanamaker, Jr). AF Times 32:5 Sep 1 '71

Suits studied in voiding commission after school. AF Times 31:3 Jul 21 '71

DYSBARISM

Diving chamber puts squeeze on decompression. Sgt David Drachlis. illus AF Times 32:30 Aug 25 '71

EADE, George J

What is relevant power? (Address, Air Power Council, Fort Worth, Tex, Oct 5, 1971) LtGen George J. Eade. AF Plcy Ltr for Comdrs: Sup No. 12:25-30 Dec '71

EAKER, Ira C.

AF 'weak.' LtGen Ira C. Eaker, Ret. AF Times 32:13 Sep 15 '71

(Aerospace industry--a vital national resource) LtGen Ira C. Eaker, Ret. AF Times 32:13 Dec 22 '71

Arms sale policies hurt U.S. interests. LtGen Ira C. Eaker, Ret. AF Times 31:13 Feb 10 '71

Aviation industry slowly recovering. LtGen Ira C. Eaker, Ret. AF Times 32:13 Oct 13 '71

B-1 cutback put in perspective. LtGen Ira C. Eaker, Ret. AF Times 31:13 Mar 10 '71

Blueprint for survival. LtGen Ira C. Eaker, Ret. illus Ordnance 56:43-45 Jul-Aug '71

Cancel contracts with think tanks. LtGen Ira C. Eaker, Ret. AF Times 31:13 Aug 4 '71

Changes hint at 4th service. LtGen Ira C. Eaker, Ret. AF Times 31:13 May 5 '71

The China vote. LtGen Ira C. Eaker, Ret. AF Times 32:13 Nov 24 '71

Defense review. LtGen Ira C. Eaker, Ret. AF Times 31:13 Jan 13 '71

Eaker views the Army. LtGen Ira C. Eaker, Ret. AF Times 32:13 Sep 1 '71

(Effects of a U.S.-USSR agreement on the limitation of ABM systems) LtGen Ira C. Eaker, Ret. AF Times 31:13 Jun 16 '71

'Fly before buy' starts. LtGen Ira C. Eaker, Ret. AF Times 32:13 Oct 6 '71

JCS defend budget. LtGen Ira C. Eaker, Ret. AF Times 31:13 Apr 14 '71

"The little big one" or "the last of the first" (Gen Benjamin D. Foulois). (Based on address, Falcon Foundation Dinner, Air Force Academy, Sep 11, 1970) Gen Ira C. Eaker, Ret. illus Aerosp Hist 17: 140-143 Dec '70

The 'mod' military. LtGen Ira C. Eaker, Ret. AF Times 31:13 Jan 20 '71

A nation divided. LtGen Ira C. Eaker, Ret. AF Times 31:13 Jul 28 '71

National decline. LtGen Ira C. Eaker, Ret. AF Times 32:13 Aug 18 '71

(Pacifist scientists attack John S. Foster, Jr for his suggestions on Russia's overtaking the United States in science and technology) LtGen Ira C. Eaker, Ret. AF Times 31:13 Jun 23 '71

Red strategic superiority. LtGen Ira C. Eaker, Ret. Ordnance 55:335-338 Jan-Feb '71

(Reorganization of the U.S. intelligence community) LtGen Ira C. Eaker, Ret. AF Times 32:13 Dec 1 '71

(Russia's experiment with the world's first space station) LtGen Ira C. Eaker, Ret. AF Times 31:13 Jul 21 '71

Side effects seen in China policy. LtGen Ira C. Eaker, Ret. AF Times 32:13 Aug 11 '71

(Soviets now spending \$3 billion more than U.S. on military related R&D) LtGen Ira C. Eaker, Ret. AF Times 32:13 Sep 29 '71

EAKER, Ira C. - Continued

Soviets talk, rearm. LtGen Ira C. Eaker, Ret. AF Times 32:13 Dec 8 '71

Triad defense. LtGen Ira C. Eaker, Ret. AF Times 32:13 Dec 29 '71

U.K. and spies. LtGen Ira C. Eaker, Ret. AF Times 32:13 Oct 27 '71

U.S. policies unchanged in bombing resumption. LtGen Ira C. Eaker, Ret. AF Times 32:13 Nov 3 '71

Weapons budget good. LtGen Ira C. Eaker, Ret. AF Times 31:13 Feb 24 '71

What is Mr Laird up to? LtGen Ira C. Eaker, Ret. AF Times 32:13 Nov 10 '71

EARHART, Amelia

Amelia Earhart's final flight. Francis X. Holbrook. por US Nav Inst Proc 97:48-55 Feb '71

EARS

Gyroscopic stimulation of the semicircular canals during sensory deprivation. Bernard D. Newsom and others. illus tabs Aerosp Med 42:1283-1289 Dec '71

Noise! Noise! Noise! Maj John P. Meade. illus tabs Aerosp Safety 27:12-13 Apr '71

Vertigo due to increased middle ear pressure: Six-year experience of the aeromedical consultation service. Frederic M. Brown. tab Aerosp Med 42:999-1001 Sep '71

EARTH (PLANET)

Earth/Mars orbit demonstrations. John R. Millburn. illus tab Spaceflight 13:259-262 Jul '71

The uniqueness of the earth. (Adapted from Thomas D. White Lecture, Air University, Maxwell AFB, Ala, March 2, 1971) William G. Pollard. illus tab AU Rev 22:34-44 Jul-Aug '71

EARTHQUAKES see DisastersEAVESDROPPING

United States v Rathbun: A fourteen year critique. Maj Earl E. Hodgson, Jr. illus AF JAG L Rev 13:224-229 Summer '71

ECCLES, Henry E.

The inertia of logistics systems. (Notes, with comment by RADM Joseph L. Howard) RADM Henry E. Eccles, Ret. por Log Spectrum 5:10-13 Spring '71

Strategy: The essence of professionalism. RADM Henry E. Eccles, Ret. por Nav War Col Rev 24:43-51 Dec '71

The TFX F-111 aircraft: A perspective in military command and defense management. RADM Henry E. Eccles, Ret. por Nav War Col Rev 23:66-87 Apr '71

ECOLOGY see EnvironmentECONOMIC AID TO FOREIGN COUNTRIES

World food and population problems. William N. Fraleigh. illus NATO's Fifteen Nations 15:46-49+ Dec '70-Jan '71

ECONOMIC ANALYSIS

Defense Economic Analysis Council formed. Armed Forces Compt 16:18 Winter '71

ECONOMIC ANALYSIS - Continued

- Determining the economic value of reprourement data. CAPT F.H. Lamartin, Jr. illus Def Mgt J 7:48-53 Spring '71
- Economy--finding facts and figures. Govt Exec 3:15 Feb '71
- Examining the cost/effectiveness of automated data systems: A common sense approach to common sense. John M. Carabello. illus tabs Armed Forces Compt 16:7-12+ Fall '71
- Financial management digest. Regular feature in some issues of Armed Forces Comptroller
- The use of economic analysis in project justification. Col Vincent J. Klaus. illus Def Mgt J 7:58-61 Spring '71

ECONOMIC DEVELOPMENT

- East-West--the twain have met. (Adapted from Dillingham Lecture, Center for Cultural and Technical Interchange Between East and West, Honolulu, Nov 11, 1970) Lee Kuan Yew. illus Mil Rev 51:76-83 Jul '71
- Social revolution in Saudi Arabia. Hermann Fr. Eilts. illus map Parameters pt 1, 1:4-18 Spring '71; pt 2 1:22-33 Fall '71
- Transportation: A key to progress in the Asian rim countries. BrigGen John E. Murray. illus map Translog 2:2-4+ Jun '71
- The U.S. Army and foreign national development. Col Irving Heymont, Ret. illus Mil Rev 51:17-23 Nov '71

ECONOMIC WARFARESee also

- War--Economic Aspects

ECONOMICS

- Economic principles and defence. (Lecture, NATO Defense College, Nov 1970) Peter M. Oppenheimer. illus NATO's Fifteen Nations 16:16-20 Jun-Jul '71
- Whatever happened to enterprise? Douglas Grymes. illus Govt Exec 3:16-17 Apr '71

EDMUNDS, Alan C.

- The problem of communicating. BrigGen Alan C. Edmunds and others. (Reprinted from Air Force Policy Letter for Commanders, June 15, 1971) AF Plcy Ltr for Comdrs: Sup No. 8:22-24 Aug '71

EDUCATION

- Few vets attend foreign schools. AF Times 32:15 Sep 8 '71

United States

- Air Force receives DOD directive on graduate education policies. TIG Brief 23:12 May 21 '71
- Blazing educational trails. LtCol Maurice Lien, Ret. illus Airman 15:27-29 Apr '71
- Education: AFA's basic and continuing mission. James McDonnell. illus AF Mag 54:63-65+ Feb '71
- Education programs. MarCor Gaz 55:9 Nov '71
- Education supplement. AF Times 31:28p sup opposite p 26 Mar 10 '71; 31:24p sup opposite p 28 Jul 14 '71; 32:28p sup opposite p 28 Nov 10 '71
- Educational money priorities set up. AF Times 31:10 Jul 14 '71
- GI Bill benefits. AF Plcy Ltr for Comdrs: Sup No. 2: 32 Feb '71

EDUCATION - ContinuedUnited States - Cont'd

- GI Bill cash used for in-service education. AF Times 31:10 Jul 14 '71
- Handicapped vets face two obstacles (a college education and finding employment). AF Times 31:17 Jan 6 '71
- Hearings opened on GI Bill boost. AF Times 32:11 Dec 8 '71
- Job training--spinoff from the military. Govt Exec 3:12 Jan '71
- McGovern asks boost in GI Bill school rates. AF Times 31:19 Jun 16 '71
- Million studying under GI Bill. Larry Carney. AF Times 31:23 May 5 '71
- New benefits approved for dependents of POWs. Officer 47:24 Feb '71
- SAC picks 3 for PhD plan. AF Times 31:41 Jul 14 '71
- Suits studied in voiding commission after school. AF Times 31:3 Jul 21 '71
- 31% increase asked in GI Bill payments. AF Times 32:8 Aug 25 '71
- VA cites advances in 1970 programs at close of year. Officer 47:24 Feb '71
- VA notes increasing GI Bill enrollment. AF Times 31:35 Jan 13 '71
- VA urges GI Bill benefit increase. AF Times 32:6 Dec 15 '71
- Your future as a veteran. illus tabs AF Times pt 1, Yes, vets, some do care. Larry Carney. 32:5-6 Oct 13 '71; pt 2, On-duty Transition does help. Bob Schweitz. 32:5-6 Oct 20 '71; pt 3, VA benefits aren't automatic. Bill Drach and Louis Dorsch. 32:42-43 Oct 27 '71; pt 4, GI Bill 'student body' growing. Larry Carney. 32:42-43 Nov 3 '71; pt 5, Vet unemployment dips. Larry Carney. 32:41-42 Nov 10 '71; pt 6, Disability pay confusing. Mel Jones. 32:46-47 Nov 17 '71; pt 7, VA caters to 'new vet.' George Marker. 32:43-44 Nov 24 '71; pt 8, GI home buying gets new life. George Marker. 32:45-46 Dec 1 '71; pt 9, SGLI conversion tips. Bill Kreh. 32:50-51 Dec 8 '71; pt 10, The beneficiary snag. Ruth Chandler. 32:37 Dec 15 '71; pt 11, How 'bout the Reserves. Ed Gates. 32: 30-31 Dec 22 '71; pt 12, Dear Congressman. Robert S. Horowitz. 32:29 Dec 29 '71

EDUCATION (DEPENDENTS)

- Army dependents can get education loans. Armed Forces J 108:18-19 Jun 21 '71
- Base support of oversea dependent schools. TIG Brief 23:6 Apr 23 '71
- Discipline and drug woes rise in overseas schools. AF Times 31:15 Jan 20 '71
- Missing pilot's children receive VA school aid. AF Times 31:20 Mar 3 '71
- Now learn this. (School for Acoustically Impaired Children, Fitzsimons General Hospital, Denver) SSgt Rufus Williams. illus Soldiers 26:56-57 Jun '71
- 35 win merit grants: Future programs cloudy. George Foster. AF Times 31:8 Apr 28 '71
- VA announces benefits for dependents under new POW legislation. Officer 47:12 May '71
- Williams (AFB, Ariz) weekend aids POW' children. AF Times 31:38 May 5 '71

EDUCATION, MILITARY *see* Education, Scientific;
Education, Technical; Education and Training

EDUCATION, SCIENTIFIC

See also
Medical Education Program

Air Force--U.S.

100 EM to train as doctor aides. AF Times 31:3
Jun 2 '71

25 NCOs begin training as physician assistants--
two-year program. Jim Sample. AF Times 31:4
Jul 21 '71

EDUCATION, TECHNICAL

See also
Medical Education Program
Retraining Program

Air Force--Great Britain

No. 1 Radio School. GpCapt F. C. Padfield. illus
Royal Air Forces Qtr 11:25-32 Spring '71

Air Force--U.S.

See also
Air Force Technical Training Centers
Mobile Training Units

Advanced degree needs told. AF Times 32:20
Aug 25 '71

Boom operator training program (at) 4017th Combat
Crew Training Squadron (Castle AFB, Calif). illus
USAF Instrs J 9:44-47 Fall '71

Growth opportunities for youth in the Air Force. (Re-
marks, Military Manpower Challenge Symposium,
AFA Convention, Washington, Sep 21, 1971) LtGen
George B. Simler. AF Pley Ltr for Comdrs: Sup
No. 11:29-32 Nov '71

Prepared for the challenge. MSgt Byron W. Maguire.
USAF Instrs J 8:64-67 Winter '70-'71

Qualifying equipment operators. (Norton AFB, Calif
MHE program) illus Aerosp Safety 27:14-15
Oct '71

Scope Creek (system analysis). R. L. Feik. illus
Signal 26:16-18+ Sep '71

Selecting technical instructors. Earl R. Barbour
USAF Instrs J 9:12-14 Summer '71

Sharing the harvest (of Air Force training). Capt Gary
A. Guimond. illus Airman 15:12-16 Nov '71

Armed Forces--Russia

School of future officers (Kiev Higher Engineer Radio-
technical School of the Air Defence Force). LtCol
Y. Gulak. illus Soviet Mil Rev No. 9:8-10 Sep '71

Armed Forces--U.S.

Job training--spinoff from the military. Govt Exec
3:12 Jan '71

EDUCATION, TECHNICAL - Continued

Army--U.S.

They're here (VNAF students at U.S. Army's ad-
vanced helicopter training program, Fort Stewart,
Ga). Capt James B. McKenzie, Jr. illus USA Avn
Dig 17:10-14 Feb '71

Marine Corps--U.S.

Computer aided instructor. MSgt R.J. Reynolds and
CySgt R.R. Sorensen. MarCor Gaz 55:52-53
Jan '71

Round pegs for round holes. Col Donald L. May. illus
MarCor Gaz 55:43-46 May '71

Navy--U.S.

See also
Naval Training Centers

United States

The continuing role of universities in electronic war-
fare. (Address, 1970 DOD/AOC Symposium, 7th
Annual National Convention of Assoc of Old Crows,
Anaheim, Calif, Oct 8, 1970) Thomas W. Butler,
Jr. Elect Warfare 3:14+ Winter '71

Job training--spinoff from the military. Govt Exec
3:12 Jan '71

EDUCATION AND TRAINING

See also
On-the-Job Training
Retraining Program
Training Aids
also specific types of centers and schools, e. g.,
Medical Centers and Schools
Officer Candidate Schools
Transportation Centers and Schools
also subdivision under specific subjects, e. g.,
Pilots--Education and Training

Air Force--Germany(Federal Republic)

A comparison of professional military educational
systems. LtCol William Bruenner. illus AU Rev
22:53-62 Mar-Apr '71

Air Force--Great Britain

A comparison of professional military educational
systems. LtCol William Bruenner. illus AU Rev
22:53-62 Mar-Apr '71

Exercise "Follicle"--joint training of airborne forces
from Britain and Italy. WgComdr D. L. Eley. illus
Royal Air Forces Qtr 11:1-6 Spring '71

Air Force--Italy

Exercise "Follicle"--joint training of airborne forces
from Britain and Italy. WgComdr D. L. Eley. illus
Royal Air Forces Qtr 11:1-6 Spring '71

Air Force--Russia

Fighting for every second. Maj A. Derevyanko. illus
Soviet Mil Rev No. 2:12-13 Feb '71

EDUCATION AND TRAINING - ContinuedAir Force--Russia - Cont'd

Low-flying targets. LtCol P. Andreyev. Soviet Mil Rev No. 1:27-28 Jan '71

Preparation for a tactical air exercise. LtCol V. Belyaev. illus Soviet Mil Rev No. 11:27-28 Nov '71

Special flight conditions. LtCols V. Kuznetsov and V. Rubin. illus Soviet Mil Rev No. 7:23-24 Jul '71

Air Force--U. S.See also

Academic Instructor and Allied Officer School
Aerospace Research Pilot School
Air Force Academy
Air Force Institute of Technology
Air Force Technical Training Centers
Air Training Command
Air War College
Airman Education and Commissioning Program
Extension Course Institute
4525th Fighter Weapons Wing

Flight Training
Minuteman Education Program

Missile Training
Officer Training School
Squadron Officer School

also subdivision Education and Training under the following subjects

Air Crews--Education and Training
Astronauts--Education and Training
Navigators--Education and Training
Pilots--Education and Training

Accent on youth. (Excerpts from briefing, Commanders Conference, Ramey AFB, PR, Feb 12, 1971) LtGen George B. Simler. tabs AF Plcy Ltr for Comdrs: Sup No. 5:22-27 May '71

Air Force training and our national economy. LtGen George B. Simler. illus AU Rev 22:26-33 Sep-Oct '71

Amplify and exaggerate. TSgt George H. Barrett. USAF Instrs J 8:18-20 Winter '70-'71

Combat preparedness training (for security police). Capt Kenneth E. Messick. illus USAF Instrs J 9:51-55 Fall '71

A comparison of professional military educational systems. LtCol William Bruenner. illus AU Rev 22:53-62 Mar-Apr '71

Give him self-confidence (by challenging his physical abilities). TSgt Harvey L. Beauchemin. illus USAF Instrs J 9:9-11 Fall '71

Goodfellow (AFB, Tex) student forum links airmen, command line. AF Times 31:17 Mar 3 '71

Impending crisis in Air Force leadership. Col Doyle E. Larson. illus AU Rev 23:13-20 Nov-Dec '71

Instructional revolution. Brenton R. C. Brewer. illus USAF Instrs J 8:8-12 Winter '70-'71

An integrated squadron weapons program. Capt James C. Posgate. illus USAF Ftr Wpns Rev No. 2:4-9 Summer '71

Intelligence training. TIG Brief 23:13 May 7 '71

Norton (AFB, Calif) gives separatees wide range of training. AF Times 32:24 Sep 1 '71

On currying a RED HORSE. 2dLt David W. Bakker. illus AF Civil Engr 12:24-25 Feb '71

Path to tomorrow (Air Force Human Resources Laboratory). MSgt Loren B. Leonberger. Airman 15:31-34 Oct '71

EDUCATION AND TRAINING - ContinuedAir Force--U. S. - Cont'd

Recruits trained to 'accept' AF. AF Times 31:19 Jun 2 '71

The roleplaying technique. Capt Wayne S. Sellman. USAF Instrs J 8:68-71 Winter '70-'71

The social implications of military education and training. (From address, Armed Forces Management Assoc Conference, Los Angeles, Aug 21, 1970) MajGen Frank M. Madsen, Jr. AF Plcy Ltr for Comdrs: Sup No. 2:24-31 Feb '71

To a different drummer. (Military training instructor at Lackland AFB, Tex) Sgt Dave Cole. illus Airman 15:3-9 Oct '71

The training manager. Hyel S. Bittner. USAF Instrs J 8:46-49 Winter '70-'71

The U.S. Air Force: A national resource. (Address, Boston Chapter, AFA, Hanscom Field, Mass, April 23, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 6:2-7 Jun '71

Upgrade irritant stopped. AF Times 31:2 Jan 20 '71

Statistics

AF selects 1,269 for FY 72 AFIT program. Armed Forces J 108:43 Jan 4 '71

Air Force--Vietnam (Republic)

Airmen help Vietnamese build modern Air Force. AF Times 32:22 Nov 17 '71

New eagles (training for VNAF pilots at Keesler AFB, Miss). Capt Gary A. Guimond. illus Airman 15:3-8 Jun '71

Truong Chi-Huy va Tham-Muu. Maj Albert D. Mc-Joynt and others. illus AU Rev 22:49-55 Jan-Feb '71

Viet officers take maintenance course. AF Times 31:18 Jul 28 '71

Viets gain skills for more roles. AF Times 31:20 Apr 28 '71

Armed ForcesSee also

Inter-American Defense College

A view from the pasture. Col Edwin Sterling Leyland, Ret. NATO's Fifteen Nations 16:28-31 Aug-Sep '71

Armed Forces--Canada

The Canadian military colleges. Maj R. M. Ramsbottom. Hawk No. 32:65-67 Feb '71

Armed Forces--Great Britain

Military history or war studies? MajGen E. K. G. Sixsmith. Army Qtr 101:437-444 Jul '71

The nature and scope of war studies. Maj B. A. Clayton. Army Qtr 101:195-205 Jan '71; Digest. Mil Rev 51:66-74 Sep '71

Armed Forces--Russia

Combat training and education. Capt V. Demyanov. illus Soviet Mil Rev No. 7:28-30 Jul '71

In the advance party. Maj Z. Averyanov. illus Soviet Mil Rev No. 11:13-15 Nov '71

A mighty accelerator. Col O. Ivanov. illus Soviet Mil Rev No. 11:2-5 Nov '71

EDUCATION AND TRAINING - ContinuedArmed Forces--Russia - Cont'd

Officer training. (Interview with ColGen K. Ambaryan)
Col A. Kravchenko. illus Soviet Mil Rev No. 5:9-12
May '71

Soviet military exercises. P.H. Vigor. illus Royal
United Svc Inst for Def Studies J 116:23-29 Sep '71

History

Officer training during the War (1941-1945). MajGen
N. Bobkov. illus Soviet Mil Rev No. 9:34-36 Sep '71

Armed Forces--U.S.See also

Industrial College of the Armed Forces

Are simulators a luxury? LtCol R.R. Sheahan. illus
MarCor Gaz 55:58-59 May '71

DOD prescribes new graduate education rules.
Armed Forces J 108:17 May 3 '71

Education supplement. AF Times 31:28p sup opposite
p 26 Mar 10 '71; 31:24p sup opposite p 28
Jul 14 '71; 32:28p sup opposite p 28 Nov 10 '71

An educational crisis (calls for change in training
philosophy). MGySgt R.J. Reynolds and GySgt R.R.
Sorensen. illus MarCor Gaz 55:31-33 Dec '71

House panel approves health manpower bill. Armed
Forces J 109:14-15 Nov '71

Implementing new educational technology for the
military. Edward B. Roberts and Henry B. Weil.
Nav War Col Rev 23:22-28 Apr '71

Leadership--challenge and responsibility. (Remarks,
ROTC Commissioning Ceremony, Washington
State University, Pullman, June 6, 1971) LtGen
Harry E. Goldsworthy. AF Plcy Ltr for Comdrs:
Sup No.8:4-10 Aug '71

Selecting team leaders. LtCol William J. Fiorentino
and Maj Gary L. Silcott. tabs USAF Instrs J 9:39-
43 Fall '71

Women will train for all specialties. AF Times 31:3
Jun 2 '71

Armed Forces--Vietnam (Republic)

West Point of Vietnam--2 U.S. majors (David P.
Burke and Preston S. Harvill) serving as advisors.
illus AF Times 31:30 Apr 28 '71

Army--Israel

Training in the Israeli Army--producing soldiers
who think. Paul Giniewski. illus NATO's Fifteen
Nations 16:66-73 Jun-Jul '71

Army--Russia

Combat engineers train to clear the way. Col V
Levin. illus Soviet Mil Rev No. 11:18-19 Nov '71

Field manual and the commander. Col G. Lukava.
illus Soviet Mil Rev No. 12:7-9 Dec '71

In the depth of defences. LtCol M. Tychkov. illus
Soviet Mil Rev No. 8:18-20 Aug '71

In woods and marshes. Col V. Petrukhin. illus Soviet
Mil Rev No. 2:21-23 Feb '71

The making of an officer. Capt V. Aidarov. illus
Soviet Mil Rev No. 1:37-40 Jan '71

Obstacle course. LtCol A. Grigoryev. illus Soviet
Mil Rev No. 6:22-24 Jun '71

Practice firing devices. Col V. Moskalenko. illus
Soviet Mil Rev No. 10:36-37 Oct '71

EDUCATION AND TRAINING - ContinuedArmy--Russia - Cont'd

Preparation of tank company for night defence. LtCol
R. Trofimov and V. Shulgin. illus tab Soviet Mil Rev
No. 9:27-29 Sep '71

Army--Thailand

Thai ranger school. Capt John V. Olson. illus Armor
80:43-46 May-Jun '71

Army--U.S.See also

Armor--Education and Training
Armored Centers and Schools
Army Aviation Centers and Schools
Army War College
Infantry Centers and Schools
Military Academy, West Point, NY

CONARC is pace-setter for Army in transition. Gen
Ralph E. Haines, Jr. illus Army 21:33-39 Oct '71

Climb the ice river. SP5 Tom Bailey. illus Soldiers
26:16-20 Oct '71

Combined arms training. Capt Patrick J. Donaldson.
illus Armor 80:4-5 Jul-Aug '71

Developing Army Aviation officers. Maj Robert S.
Fairweather, Jr. illus USA Avn Dig 17:15-17
Feb '71

Don't forget the defense. Capt Lawrence D.
Galehouse. illus Infantry 61:36-38 Nov-Dec '71

Dynamic training for rifle squads. Col John L.
Osteen, Jr. illus Infantry 61:32-33 Nov-Dec '71

Fit to fight. SP4 Tom Bailey. illus Army Dig 26:
12-19 Feb '71

A hard look at Project Transition--could be smoother.
LtCol David W. Blackledge. illus Army 21:42-46
Apr '71

Noncommissioned Officers Education System. MSgt
Bennie L. Fagan. illus Infantry 61:16-18 Jan-
Feb '71

Over, under, through--and away. (Obstacle courses
at Infantry School, Fort Benning, Ga) Lt Martin C.
McWilliams, Jr. illus Soldiers 26:28-31 Sep '71

Ranger. Capt Ronald L. Paramore. illus Infantry 61:
18-20 May-Jun '71

Recruit. PFC Lawrence R. Tuite. illus Infantry 61:
36-38 Jan-Feb '71

Sophisticated basic trainees. LtCol Tom Hamrick,
Ret. illus Army 21:34-39 Sep '71

Teaming is tops for training. Maj Robert J. Nearine
and Richard G. Woodward. illus Mil Rev 51:72-75
Jul '71

Teamwork--the key. Capt Stephen R. Haney. illus
Infantry 61:34-36 Nov-Dec '71

Times are changing. SP4 Tom Bailey. illus Army
Dig 26:14-19 Jan '71

Women on the go. SP4 Tom Bailey. illus Army Dig
26:38-43 Feb '71

Directories

(Army) schools and centers. Army 21:100 Oct '71

Coast Guard--U.S.

'No place to hide' in Eagle's rigging. Robert J.
Boylan. illus Navy 14:18-23 Jul-Aug '71

EDUCATION AND TRAINING - Continued

Marine Corps--Great Britain

Her Majesty's Royal Marines; a report. Col Norman L. Dodd. illus MarCor Gaz 55:34-38 Oct '71

Marine Corps--U. S.

Beating the drum for intelligence. Capt Allan C. Bevilacqua. illus MarCor Gaz 55:33-36 Sep '71

Chapman: An emphasis on combat readiness, quality, spirit, and discipline. Gen Leonard F. Chapman, Jr. illus Armed Forces J 108:34-36+ Jan 4 '71

Education programs. MarCor Gaz 55:9 Nov '71

Getting a few good men. Capt C. Robert Stachter II. MarCor Gaz 55:52-53 Oct '71

Leadership through group dynamics (at 2d Marine Division SNCO Leadership School). Maj H. L. Seay. illus MarCor Gaz 55:26-32 Sep '71

Less waste of troops' time. Maj Wallace M. Greene III. MarCor Gaz 55:56-57 May '71

Marine Corps artillery. Capt David J. LaBoissiere. illus Fld Artilleryman, pp 26-29. Mar '71

(Marine Corps SNCO) Academy program is limited. Maj Joseph W. Gibbs III. MarCor Gaz 55:50-51 Sep '71

Pigeon handler platoon. (Evolution of Marine Corps Communication-Electronics School, Twentynine Palms, Calif) Maj D. R. Horn. MarCor Gaz 55:42-43 Sep '71

Preparing learning objectives. Capt Paul K. VanRiper. MarCor Gaz 55:45-46 Dec '71

Professional military education. Maj R. K. Ryman. illus MarCor Gaz 55:44-46 Mar '71

Schools for OCS commanders. 1stLt Donald E. Elkins. MarCor Gaz 55:55 May '71

Staff Non-Commissioned Officer Academy. illus MarCor Gaz 55:49-51 May '71

Tough and proud of it! Maj Robert E. Hamilton. MarCor Gaz 55:48-49 Apr '71

National Guard--Air Force--U. S.

ANG school slots open for selectees. AF Times 31:3 Mar 10 '71

Air Guard work trips to Hawaii--'challenging and rewarding.' Maj W. A. Grant. illus Air Reservist 23:10-11 Apr '71

CCT (Combat Crew Training) in the ANG. Capts Barron D. Gray, Jr and Gary R. Walston. illus USAF Instrs J 9:69-72 Fall '71

A 'ready now' force. 1stLt Luther L. Walker. illus Natl Guardsman 25:2-8 Dec '71

To prepare the man (Officer Preparatory Academy, McGhee Tyson AB, Tenn). CMSgt Paul Lankford. illus Natl Guardsman 25:16-19 Jun '71

National Guard--Army--U. S.

Army Guardsmen make big leap into exotic types of training. Natl Guardsman 25:20+ Jul '71

Army rushes riot training and gear. Natl Guardsman 25:24 Feb '71

It (Army Training Test) can be done. illus Natl Guardsman 25:38-39 Jun '71

Why do I stay in the Guard? Maj John E. Lewis. Natl Guardsman 25:25+ Feb '71

EDUCATION AND TRAINING - Continued

Navy--Russia

The blue water Soviet naval officer. CAPT Sumner Shapiro. illus US Nav Inst Proc 97:18-26 Feb '71

Searching for the enemy under the sea. Capt V. Kur-guzov. illus Soviet Mil Rev No. 8:21-22 Aug '71

Ship exercise. Capt N. Borodin. illus Soviet Mil Rev No. 10:19-21 Oct '71

Navy--U. S.See also

Naval Academy, Annapolis, Md
Naval Postgraduate School
Naval Training Command
Naval War College

Implementing new educational technology for the military. Edward B. Roberts and Henry B. Weil. Nav War Col Rev 23:22-28 Apr '71

The leadership lab concept--a new approach. LT Robert J. Brudno. illus US Nav Inst Proc 97:85-86 Feb '71

Navy at Texas school (Defense Language Institute SouthWest Branch (DLISW), Biggs Field. Fort Bliss). AF Times 31:39 Apr 7 '71

SAR crewman training. illus Approach 16:26-33 May '71

The silent vote. LTJG F. G. Dengler. illus US Nav Inst Proc 97:34-37 Feb '71

Stephen B. Luce and the beginnings of the U.S. Naval War College. RADM John D. Hayes, Ret. illus Nav War Col Rev 23:51-59 Jan '71

Reserve Forces--Air Force--U. S.

Right smack on target! illus Air Reservist 23:6-7 Apr '71

Reserve Forces--Army--U. S.

CONARC is pace-setter for Army in transition. Gen Ralph E. Haines, Jr. illus Army 21:33-39 Oct '71

Pre-commission course offers new source for Reserve officers. Officer 47:28 Jan '71

Reserve Forces--Marine Corps--U. S.

A commander's concept of training. Col N. A. Canzona. illus MarCor Gaz 55:16-22 Mar '71

Reserve Officers Training Corps--Army--U. S.

Indiantown Gap training for leadership--RECONDO: Rugged innovation for (RECONnaissance-Commando) cadets. F. R. Kent, Jr. illus Officer 47:12-13 Sep '71

ROTC cadets earn Ranger tabs. LtCol Karl V. Hurdle and Maj Clayton Pratt. illus Infantry 61:39-41 Nov-Dec '71

Reserve Officers Training Corps--Navy--U. S.

Team teaching in the ROTC. LtCol LaVern W. Larson and others. illus Mil Rev 51:67-71 Jul '71

EDUCATION AND TRAINING, OFF-DUTY

Air Force--U. S.See also

Operation--Bootstrap

EDUCATION AND TRAINING, OFF-DUTY- ContinuedAir Force--U.S. - Cont'd

Accent on youth. (Excerpts from briefing, Commanders Conference, Ramey AFB, PR, Feb 12, 1971)
LtGen George B. Simler. tabs AF Plcy Ltr for Comdrs: Sup No. 5:22-27 May '71

Air Force receives DOD directive on graduate education policies. TIG Brief 23:12 May 21 '71

Education lures missile officers. Jim Sample. AF Times 31:16 Mar 31 '71

Educational money priorities set up. AF Times 31:10 Jul 14 '71

Statistics

Off-duty schooling declines slightly. AF Times 32:10 Oct 20 '71

Armed Forces--U.S.See also

Armed Forces Institute

Education supplement. AF Times 31:28p sup opposite p 26 Mar 10 '71; 31:24p sup opposite p 28 Jul 14 '71; 32:28p sup opposite p 28 Nov 10 '71

GI Bill cash used for in-service education. AF Times 31:10 Jul 14 '71

Vocational classes to start o'seas. AF Times 32:18 Dec 29 '71

Army--U.S.

Education by degrees. Capt William M. Bates. illus Army Dig 26:38-41 Mar '71

From private to physician. Patricia Stocker. illus Soldiers 26:58-59 Jun '71

National Guard--Air Force--U.S.

Air War College. illus Air Reservist 23:12-13 Apr '71

Reserve Forces--Air Force--U.S.

Air War College. illus Air Reservist 23:12-13 Apr '71

EDUCATIONAL LEVEL OF MILITARY PERSONNEL

College grad EM: Well used? Bruce Callander. AF Times 31:13 Mar 3 '71

A combat crew production function. LtCol Herman L. Gilster. illus tabs AU Rev 23:47-58 Nov-Dec '71

Military people get older, smarter. tab AF Times 31:6 May 26 '71

The Soviet fighting man's spiritual world. Maj Y. Deryugin. illus Soviet Mil Rev No. 12:2-4 Dec '71

12,000 (officer) jobs require advanced degrees. AF Times 31:13 Jul 14 '71

EDUCATIONAL TECHNOLOGY

Implementing new educational technology for the military. Edward B. Roberts and Henry B. Weil. Nav War Col Rev 23:22-28 Apr '71

EFFECTIVENESS REPORTSAir Force

Change in OER on tap. George Foster. AF Times 32:1+ Oct 20 '71

A combat crew production function. LtCol Herman L. Gilster. illus tabs AU Rev 23:47-58 Nov-Dec '71

Dissenting officers must show 'proof.' AF Times 32:2 Sep 29 '71

EFFECTIVENESS REPORTS - ContinuedAir Force - Cont'd

The many sides of officer ratings. George Foster. AF Times 31:13 Mar 31 '71

New OER form tested by Army. AF Times 32:19 Aug 11 '71

New study made to improve OER. George Foster. AF Times 31:1+ Mar 17 '71

OER humor 'borders on brilliant,' must go. AF Times 32:3 Oct 6 '71

OER inflation gets worse. George Foster. AF Times 31:1+ Jul 7 '71

Army

Enlisted Evaluation System. Maj Alan H. Byrne. illus Fld Artilleryman, pp 46-51, Aug '71

New efficiency report (Revised Officer Performance Reporting System (ROPRS)). illus Mil Rev 51:100-101 Sep '71

New OER form tested by Army. AF Times 32:19 Aug 11 '71

The OER: A new form or a new look? LtCol Thomas G. Horst, illus Mil Rev 51:12-22 Jan '71

Marine Corps

Revise the fitness report. Col Richard H. Jeschke, Jr. MarCor Gaz 55:53-54 Aug '71

EFFICIENCY

Preventing deficiencies, avoiding recurrence. TIG Brief 23:2 Jan 15 '71

Quality service for quality customers. Col Joe O. Bellino. illus Translog 2:6-7+ Feb '71

EFFICIENCY RATINGS see Airman Performance Reports; Effectiveness Reports

EIFLER, Charles W., Jr

Implementing logistics doctrine in Europe. LtGen Charles W. Eifler. illus map charts Army Log 3: 16-19+ Jan-Feb '71

EINSTEIN, Albert

Einstein on test. Spaceflight 13:129-130 Apr '71

Einstein theory upheld. Space World H-4-88:24 Apr '71

EISENHOWER, Dwight D.

Eisenhower at the Naval War College (Oct 3, 1961). (Address, with questions) illus US Nav Inst Proc 97:18-24 Jun '71

The military industrial complex in perspective. Maj C. J. Wolk. por MarCor Gaz 55:36-44 Aug '71

A pictorial salute to former SACEURs. NATO's Fifteen Nations 16:26-29 Apr-May '71

They had charisma: (Gens) Marshall, Bradley, Patton, Eisenhower; from the papers of LtGen Raymond S. McLain. LtCol Albert N. Garland, Ret. por Army 21:26-31 May '71

EJECTIONSee also

Parachute Jumping

Carnival ride. illus Approach 16:18-20 Feb '71

A close look at life support. Interceptor 13:22-24 May '71

EJECTION - Continued

Do it right the first time. illus Interceptor 13:16-17 Jun '71

It's easy on Monday. illus Aerosp Safety 27:2-5 Mar '71

The Martin-Baker J-5 ejection seat. SP5 Danny W. Daron. illus USA Avn Dig 17:60-63 Apr '71

Time to go. illus tabs Aerosp Safety 27:2-5 Feb '71; USA Avn Dig 17:60-61+ Dec '71

When to eject--an educated guessing game. CDR William V. Lassen. illus Approach 17:32-34 Aug '71

Statistics

Non-fatal ejection vertebral fracture, U.S. Navy fiscal years 1959 through 1965: Costs. Channing L. Ewing. tabs Aerosp Med 42:1226-1228 Nov '71

Time to go. illus tabs Aerosp Safety 27:2-5 Feb '71; USA Avn Dig 17:60-61+ Dec '71

EJECTION EQUIPMENT

The Martin-Baker J-5 ejection seat. SP5 Danny W. Daron. illus USA Avn Dig 17:60-63 Apr '71

"The mother of invention," or how man has advanced to the near ultimate in escape systems! (Crew module) Gale F. Farrell. illus Combat Crew 22: 4-7+ Jul '71

Pilots eject safely after hydraulic problem on F-14 second flight 30 December. Armed Forces J 108:16 Jan 4 '71

Safe conduct of rescue capability exercises. TIG Brief 23:4 Apr 9 '71

Under pressure. illus Approach 16:36-37 May '71

When to eject--an educated guessing game. CDR William V. Lassen. illus Approach 17:32-34 Aug '71

Maintenance and Repair

Egress system maintenance. Aerosp Safety 27:31 Nov '71

ELECTIONS

In the public's service--a "roundup" of Guardsmen chosen by voters in the November '70 general elections. illus Natl Guardsman 25:22-25 Jan '71

Parties and elections in America. Richard M. Scammon. Persp in Def Mgt, pp 1-10, May '71

Pay study will affect '72 votes. Bob Schweitz. AF Times 31:1+ Apr 14 '71

ELECTRIC EQUIPMENTSee also

Generators, Electric

Electrophoresis demonstration planned for Apollo 14. illus (Also cutaway) Space World H-4-88:28-30 Apr '71

Is your shop safe? Clarence J. Carter. USA Avn Dig 17:43 Nov '71

Medics combat electric hazards. AF Times 32:5 Sep 8 '71

Sleeping beauty. James L. Sparkman. illus Aerosp Safety 27:10-11 Jan '71

ELECTRIC EQUIPMENT - ContinuedMaintenance and RepairStudy and Teaching

A training program for electrical distribution system maintenance. Maurice O. Faherty. illus AF Civil Engr 12:11+ May '71

Testing

Weapons and equipment testing. Maj Richard D. James. illus Infantry 61:36-39 May-Jun '71

ELECTRIC POWER

Expanding utilization of satellites. (Address, AFCEA, Washington, June 9, 1971) Edgar A. Grabhorn. Signal 25:64-69 Aug '71

Power supply problems. TIG Brief 23:11 Jan 29 '71

A primer on power shortages. Patrick J. McGarvey. illus Govt Exec 3:34-36 Jan '71

Standby power: How communicators beat electricity blackouts. C. W. Borklund. illus map Govt Exec 3:32-33+ Jul '71

10,000 KW gas turbine for Clark AB (Philippines). Harry A. Davis. illus AF Civil Engr 12:20-21 Feb '71

A training program for electrical distribution system maintenance. Maurice O. Faherty. illus AF Civil Engr 12:11+ May '71

ELECTRIC POWER PLANTS

Mammoth power station on the Yenisei. Boris Skvortsov. illus Soviet Mil Rev No. 3:5-7 Mar '71

A primer on power shortages. Patrick J. McGarvey. illus Govt Exec 3:34-36 Jan '71

Standby power: How communicators beat electricity blackouts. C. W. Borklund. illus map Govt Exec 3:32-33+ Jul '71

ELECTRIC PROPULSION

SERT 2 report. Spaceflight 13:163 May '71

ELECTROMAGNETIC COMPATIBILITY

Signal interviews the military communicators. RADM Francis J. Fitzpatrick and MajGens Gordon T. Gould, Jr and George E. Pickett. illus Signal 25: 80-82+ Jun '71

ELECTRON TUBES

Deformographic Storage Display Tube (DSDT). B. J. Ross. illus tab Signal 26:28-31 Dec '71

ELECTRONIC AIDS TO AVIATION

Tactical electronic warfare. Paul S. Handzel. illus tab Elect Warfare pt 1, 3:15+ Winter '71; pt 2, 3:12+ Spring '71

USAF's electronic revolution. John L. Frisbee. illus AF Mag 54:32-36 Jul '71

ELECTRONIC AIDS TO NAVIGATION

USAF's electronic revolution. John L. Frisbee. illus AF Mag 54:32-36 Jul '71

ELECTRONIC COUNTERMEASURES

But let your communications be yea, yea; nay, nay. Col Robert D. Sweeney. illus Infantry 61:19-21 Jul-Aug '71

DOD's new DSPG (Defense Special Projects Group) to counter SAM defenses. Armed Forces J 108:14 Apr 19 '71

ELECTRONIC COUNTERMEASURES - Continued

Deflection vs intensity-modulated as anti-jam radar displays. F.M. Turner. illus Elect Warfare 3:6-7 Winter '71

ECM training. TIG Brief 23:3-4 Dec 3 '71

Electronic warfare. TIG Brief 23:19 Jan 29 '71

Electronic warfare. Capt William A. Brickey. illus Infantry 61:28-30 Sep-Oct '71

SNOW TIME (SAC/NORAD Operational Weapons Training/testing Involving Military Electronics) are good. Maj Morris C. Blumenthal, Jr. illus Combat Crew 22:12-15 Jun '71

History

The seeds of electronic warfare. Harold A. Zahl. Elect Warfare 3:12 Winter '71

Tactical electronic warfare--ECM are good when you know how to use them. LtCol Luis G. Oliver. illus Tac Air Warfare Cen Qtr Rpt 2:4-9+ Spring '71

ELECTRONIC DATA PROCESSING SYSTEMSSee also

Computers
Digital Communications
Punched Card Systems

Air Force Data Systems Design Center. AF Mag 54: 138+ May '71

Automatic data processing in Allied Command Europe. AVM A.H.W. Ball. illus NATO's Fifteen Nations 16:95-96+ Apr-May '71

Cadet AIDS (Administrative Information Data System): USAF Academy's unique data processing system. Kenneth W. Veatch. illus AF Compt 5:18-20 Nov '71

Challenge of the computer. LtCol David H. Wagner. MarCor Gaz 55:51-52 Jan '71

Challenging the DOD Blue Ribbon Panel (on ADPE procurement). Edward O. Joslin and Jack Wright. illus chart Govt Exec 3:41-44+ Feb '71

The common sense of computers. LtCol F. Boonham. illus tab Royal United Svcs Inst for Def Studies J 116:30-38 Sep '71

Computer-communications technology: A new way (RhoData) to cut costs. C.W. Borklund. illus Govt Exec 3:40-42 Jan '71

European radar and flight data processing systems. illus Interavia 26:1184-1186 Oct '71

Examining the cost/effectiveness of automated data systems: A common sense approach to common sense. John M. Carabello. illus tabs Armed Forces Compt 16:7-12+ Fall '71

Learn MEDS (Mechanized Embarkation Data System) at unit level. Maj Albert T. Fisher. illus MarCor Gaz 55:47-48 Dec '71

Maintainability of microelectronic ADP equipment. Michael J. Venezia and Eli J. Dworkin. tabs Log Spectrum 5:24-32 Spring '71

Message composer transmits data via dataphone. H. William Kruse. illus Tac Alft 1:22-23 Jul '71

Navy's CAPT Fred Weihrich: Driving computer costs down. illus Govt Exec 3:28 Jan '71

A progress report: DOD standard data element and data code program. Mildred L. Bailey. illus tabs Def Ind Bul 7:17-20 Summer '71

The subcontractor and Navy 3M data. William R. Stanley. Log Spectrum 5:4-8 Summer '71

ELECTRONIC DATA PROCESSING SYSTEMSContinued

Tactical data handling in the Royal Navy. LtComdr J. Claisse. illus Intl Def Rev 4:436-439 Oct '71

Teleprocessing. (Address, AFCEA, Washington, June 10, 1971) BrigGen Lee M. Paschall. Signal 25:88-91 Aug '71

ELECTRONIC EQUIPMENTSee also specific types of equipment, e.g.,

Computers
Detection Equipment
Electron Tubes
Electronic Receiving Equipment
Electronic Transmitting Equipment
Semiconductor Devices
Transistors

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

Deformographic Storage Display Tube (DSDT). B.J. Ross. illus tab Signal 26:28-31 Dec '71

EI-men save the Air Force millions of dollars. map Air Reservist 23:8-9 Feb '71

Electronic "canaries" monitor pollution. Signal 25: 47 Apr '71

Electronic warfare technology--a State-of-the-Art report and a projection into the next decade. M. Halpern. illus Signal 25:22-25 Jan '71

The geodetic navigator. Maj Eugene R. Nelson. illus Navigator 18, No. 2:14-17 '71

1-J band avalanche diode oscillator, using a detector mount. Marvin Ryken and Frank Fleischer. illus Elect Warfare 3:16-17+ Winter '71

Igloo White. John L. Frisbee. illus AF Mag 54:48-53 Jun '71

(Implementation program for standardizing electronic parts) Signal 26:52-53 Nov '71

Medics combat electric hazards. AF Times 32:5 Sep 8 '71

A new airborne transceiver for the 1980s in production now--the Plessey PTR377. A.M. May. illus Intl Def Rev 4:170-171 Apr '71

(Omnidirectional radio ground beacon--AN/TRN-30) Signal 25:64 Jul '71

Senators praise sensors. AF Times 31:21 Mar 17 '71

The support of modern electronic equipment. William J. Siegel. Signal 25:39-42 May '71

USAF ground communications-electronics program management. TIG Brief 23:18 Feb 12 '71

USAF's electronic future--open-ended. William Leavitt. illus AF Mag 54:37-41 Jul '71

History

USAF's electronic revolution. John L. Frisbee. illus AF Mag 54:32-36 Jul '71

Maintenance and Repair

Changes to CEM (Communications-Electronics-Meteorological) facilities by O&M activities. TIG Brief 23:9 Dec 3 '71

Communications-electronics quality control. TIG Brief 23:11 Mar 12 '71

Logistics management of communications-electronic equipment. TIG Brief 23:4 Apr 9 '71

ELECTRONIC EQUIPMENT - ContinuedMaintenance and Repair - Cont'd

Low frequency air navigation in Southeast Asia. Capt Bruce E. Gearhart. illus map Signal 26:20-24 Nov '71

The noise approach to on-line and in-service system monitoring. Norman E. Chasek. illus Signal 25: 115-119 Jun '71

Scope Creek (system analysis). R. L. Feik. illus Signal 26:16-18+ Sep '71

The support of modern electronic equipment. William J. Siegel. Signal 25:39-42 May '71

Reliability

More communications for the DOD dollar. (Address, AFCEA, Washington, June 10, 1971) Barry J. Shillito. illus Signal 25:24-26 Aug '71

The support of modern electronic equipment. William J. Siegel. Signal 25:39-42 May '71

Study and Teaching

(Need for electronic warfare; address, 7th Annual National Convention of Assoc of Old Crows, Anaheim, Calif, Oct 6-8, 1970) VADM Vincent P. de Poix. illus Elect Warfare 3:4+ Winter '71

Testing

Scope Creek (system analysis). R. L. Feik. illus Signal 26:16-18+ Sep '71

ELECTRONIC EQUIPMENT (AIRCRAFT)

ADC's F-106s due new modifications. AF Times 31:28 Feb 24 '71

AN/ARC-144 UHF multimode transceiver. N. R. Avella and W. R. Perrigo. illus tab Signal 26:14-15 Sep '71

Old Crows. (From paper, National Electronic Warfare Symposium, Anaheim, Calif, Oct 1970) Col Robert J. Thompson. illus Combat Crew 22: 16-18 Feb '71

SMASH (Southeast Asia Multi-sensor Armament System for Hueycobra) is a new day/night fire control system. illus Signal 25:57 Feb '71

USAF's electronic revolution. John L. Frisbee. illus AF Mag 54:32-36 Jul '71

ELECTRONIC EQUIPMENT, MINIATURE

Civilian application of EW technology. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) George H. Thiess. Elect Warfare 3:7+ Summer '71

From transistor to micro-electronics. (Address, AFCEA, Washington, June 8, 1971) BrigGen Harold W. Rice. illus tabs Signal 25:38-41 Aug '71

The micro-miniaturized computer. Ralph S. La Montagne. illus tab Signal 25:25-28 Apr '71

The military decision-makers' top tool. Edgar Ulsamer. illus AF Mag 54:44-49 Jul '71

The next 25 years (in the communications-electronics field). Dause L. Bibby and others. illus Signal 25: 44-47+ Jun '71

Maintenance and Repair

Maintainability of microelectronic ADP equipment. Michael J. Venezia and Eli J. Dworkin. tabs Log Spectrum 5:24-32 Spring '71

ELECTRONIC INDUSTRY AND TRADE

Communications-electronics digest, monthly review of developments. Regular feature in issues of Signal

China (People's Republic)

Peking pushes for an expanded international air transport system. Ronald Golden. illus Aerosp Intl 7: 18-19+ May-Jun '71

Great BritainStatistics

Performance of the British electronics industry in 1970. Table only. Interavia 26:707 Jun '71

Sweden

In defense of Sweden. illus tab map Intl Def Rev pt 1, 3:395-399 Dec '70; pt 2, The Swedish defense industry. 4:41-45 Feb '71

United States

EIA (Electronic Industries Assoc)--serving the electronics industry. V.J. Adduci. AF Mag 54:50 Jul '71

Electronic Communications Inc. illus Interavia 26:46 Jan '71

Honeywell Information Systems: The secret is in the mixing. C.W. Borklund. illus chart Govt Exec 3: 44-45+ Jul '71

The military/industry doctrine--change and progress (Address, AFCEA, Washington, June 8, 1971) William H. Graham. illus Signal 25:20-22 Aug '71

More communications for the DOD dollar. (Address, AFCEA, Washington, June 10, 1971) Barry J. Shillito. illus Signal 25:24-26 Aug '71

A radio pioneer (TACO Division, General Instrument Corp) heard from: Alive and well in Sherburne, NY. A. F. Potter. illus Signal 25:94-97 Jun '71

Space age technology for ground communications. (Interview with Edward Berg) illus Signal 25:34-37 May '71

Teleprocessing industries: A new force in data communications. illus Signal 26:25-26 Nov '71

ELECTRONIC RECEIVING EQUIPMENT

A building-block reconnaissance receiver. Gary Oleari. illus tab Elect Warfare 3:8+ Winter '71

Electro-optical microwave channelized receiver. William E. Budd. illus Elect Warfare 3:4-5+ Spring '71

Expanding utilization of satellites. (Address, AFCEA, Washington, June 9, 1971) Edgar A. Grabhorn. Signal 25:64-69 Aug '71

Panoramic receiver operation in strong signal environments. Donald L. Roubadeaux. illus Elect Warfare 3:21+ Convention Issue '71

Return of 'IFR.' Richard G. Wiley. illus Elect Warfare 3:7-8+ Convention Issue '71

ELECTRONIC RESEARCH

Avionics--military and civil. MajGen George E. Pickett. illus Signal 25:13-15 Jan '71

Civilian application of EW technology. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) George H. Thiess. Elect Warfare 3:7+ Summer '71

ELECTRONIC RESEARCH - Continued

The continuing role of universities in electronic warfare. (Address, 1970 DOD/AOC Symposium, 7th Annual National Convention of Assoc of Old Crows, Anaheim, Calif, Oct 8, 1970) Thomas W. Butler, Jr. Elect Warfare 3:14+ Winter '71

The critical time. (Address, Kitty Hawk Club, Wright-Patterson AFB, Ohio) Sen Joseph M. Montoya. Elect Warfare 3:28 Spring '71

DOD's new DSPG (Defense Special Projects Group) to counter SAM defenses. Armed Forces J 108:14 Apr 19 '71

NASA and progress. Frank R. Troutman. Elect Warfare 3:18+ Summer '71

North Electric opens the Paul H. Henson Research Center. illus Signal 25:38-39 Apr '71

The Rome Air Development Center--"exploring the invisible frontier." illus Contact 25:2-3 May-Jun '71

'Spin-offs' to progress. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) Al Behnke. Elect Warfare 3:12+ Summer '71

What's happening in electronics at ESD (major electronics programs at Electronic Systems Division). Table only. AF Mag 54:42-43 Jul '71

ELECTRONIC SWITCHING see Switching Systems

ELECTRONIC SYSTEMS DIVISIONSee also

Rome Air Development Center

USAF's electronic future--open-ended. William Leavitt. illus AF Mag 54:37-41 Jul '71

What's happening in electronics at ESD (major electronics programs at Electronic Systems Division). Table only. AF Mag 54:42-43 Jul '71

ELECTRONIC TRANSMITTING EQUIPMENT

Facsimile transmission helps control procurement costs at McDonnell Douglas. C. B. Husti. illus Signal 25:108-109 Jun '71

(Now possible to transmit one billion bits of information per second over a laser beam) Signal 25:61-62 Feb '71

ELECTRONIC WARFARESee also

Electronic Countermeasures

AOC (Assoc of Old Crows): A key to technological progress. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) A. R. Matthews. illus map tabs Elect Warfare 3:4-5+ Summer '71

Battle for control of Ho Chi Minh trail. George Weiss and others. illus Armed Forces J 108:18-22 Feb 15 '71

The critical time. (Address, Kitty Hawk Club, Wright-Patterson AFB, Ohio) Sen Joseph M. Montoya. Elect Warfare 3:28 Spring '71

EW support to tactical cover and deception. James DeRocher and William Huse. illus Elect Warfare 3:16-17+ Convention Issue '71

Electronic warfare. TIG Brief 23:19 Jan 29 '71

Electronic warfare. Capt William A. Brickey. illus Infantry 61:28-30 Sep-Oct '71

ELECTRONIC WARFARE - Continued

Electronic warfare, electromagnetic support measures and direction finding. William C. Doyle. illus Signal 26:6-10 Nov '71

Electronic warfare technology--a State-of-the-Art report and a projection into the next decade. M. Halpern. illus Signal 25:22-25 Jan '71

Navy's VADM Bardshar: License to get into all programs that use the electron. illus Govt Exec 3:31 Jul '71

(Need for electronic warfare; address, 7th Annual National Convention of Assoc of Old Crows, Anaheim, Calif, Oct 6-8, 1970) VADM Vincent P. de Poix. illus Elect Warfare 3:4+ Winter '71

Old Crows. (From paper, National Electronic Warfare Symposium, Anaheim, Calif, Oct 1970) Col Robert J. Thompson. illus Combat Crew 22:16-18 Feb '71

Tactical-drones. LtCol William H. Starnes, Jr. illus Elect Warfare 3:4-5+ Convention Issue '71

Equipment

Hobo kit makes iron bombs into guided missiles. illus Armed Forces J 108:37 Mar 1 '71

SEA sensor fields: More eyes and ears. George Weiss. illus Armed Forces J 108:38-39 Mar 1 '71

History

Tactical electronic warfare--ECM are good when you know how to use them. LtCol Luis G. Oliver. illus Tac Air Warfare Cen Qtr Rpt 2:4-9+ Spring '71

Study and Teaching

The continuing role of universities in electronic warfare. (Address, 1970 DOD/AOC Symposium, 7th Annual National Convention of Assoc of Old Crows, Anaheim, Calif, Oct 8, 1970) Thomas W. Butler, Jr. Elect Warfare 3:14+ Winter '71

Education and training. (Address, 1970 DOD/AOC National EW Symposium, Anaheim, Calif, Oct 1970) LtCol Martin P. Kruty. Elect Warfare 3:16-17+ Spring '71

ELECTRONICSSee also

Avionics

USAF's electronic future--open-ended. William Leavitt. illus AF Mag 54:37-41 Jul '71

USAF's electronic revolution. John L. Frisbee. illus AF Mag 54:32-36 Jul '71

What's happening in electronics at ESD (major electronics programs at Electronic Systems Division). Table only. AF Mag 54:42-43 Jul '71

History

Electronics was a baby. Harold A. Zahl. Signal 25:38-40 Jul '71

Study and Teaching

No. 1 Radio School. GpCapt F. C. Padfield. illus Royal Air Forces Qtr 11:25-32 Spring '71

Pigeon handler platoon. (Evolution of Marine Corps Communication-Electronics School, Twentynine Palms, Calif) Maj D. R. Horn. MarCor Gaz 55:42-43 Sep '71

LIOT, George F.

Blue Ribbon--red tape. Maj George Fielding Eliot, Ret. Ordnance 55:339-342 Jan-Feb '71

A new day for the Guard and Reserves? Maj George Fielding Eliot, Ret. illus Natl Guardsman 25:2-6 Jan '71

LLIS, William B.

Coast Guard officers allowed to resign. Armed Forces J 108:14 Jan 4 '71

MERGENCY POWERS see War and Emergency Powers

MOTIONS

See also

Fear

Psychophysiologic and conversion mechanisms: The aviator's emotional face curtain. J.A. Pursch and R.F. Reinhardt. Aerosp Med 42:1015-1017 Sep '71

EMPLOYMENT

See also

Moonlighting

Aid for the underprivileged--bases open employment to youth. illus AF Times 31:34 Jun 16 '71

Airline (Eastern) to offer jobs to PW (and MIA) pilots--hiring priority given. AF Times 31:8 Jun 9 '71

Another job firm organized. AF Times 31:25 May 19 '71

Bases to push job equality. Tony McHale. AF Times 31:8 Jan 6 '71

Black vet has tough row to hoe. Larry Phillips. AF Times 32:42 Nov 10 '71

Business vows to reserve 100,000 jobs for veterans. Larry Carney. AF Times 31:3 Jul 7 '71

Civilian employment restrictions. TIG Brief 23:11-12 Nov 19 '71

Complete dual pay pushed. AF Times 31:11 Jun 30 '71

DOD alters job aids. AF Times 31:3 May 12 '71

DOD policy results in jobs for blacks. AF Times 32:15 Oct 6 '71

Don't forget, hire the vet. illus Air Reservist 23:12-13 Jul '71

Dual comp curb kept--Senate acts. tab AF Times 31:3 Jul 7 '71

Dual comp law here to stay. Ed Gates. AF Times 31:13 Jul 14 '71

Dual comp may change--many hurdles in the way. AF Times 31:3 Feb 24 '71

Employed in industry--retiree 'influence' refuted. AF Times 32:6 Aug 25 '71

Employers sneer at Vietnam vets. AF Times 31:10 Jul 28 '71

The employment scene--a hard look. MSgt Jack Holden. tab Soldiers 26:43-45 Sep '71

Equal employment opportunity requirements. Edward F. Seligman. Review 50:41+ Jan-Feb '71

Ex-military facing Civil Service probe. AF Times 31:5 Jul 21 '71

The generalist: A saleable commodity. LtCol Richard J. Bean. illus Army 21:44-46 Feb '71

EMPLOYMENT - Continued

Handicapped vets face two obstacles (a college education and finding employment). AF Times 31:17 Jan 6 '71

A hard look at Project Transition--could be smoother. LtCol David W. Blackledge. illus Army 21:42-46 Apr '71

Hiring the handicapped is just plain good business. Lawrence A. Hyland. illus Def Mgt J 7:15-18 Spring '71

Job bill gives edge to veterans. AF Times 31:19 May 26 '71

Job disclosure begins (for) retirees in Defense work. AF Times 31:6 Jun 9 '71

Job help expands for vets. AF Times 31:2 Jun 30 '71

Job-hunting assistance given at Pentagon. AF Times 32:54 Aug 18 '71

Job seminars planned. AF Times 32:3 Oct 13 '71

Medical aides train at 18 VA hospitals. AF Times 32:4 Oct 13 '71

More vet help pushed--(Sen) Hartke attacks job aid program. Larry Carney. AF Times 32:29 Dec 29 '71

Motivation release from within. Mark B. Silber. Def Mgt J 7:9-14 Spring '71

POW/MIA pilots receive job offer (from Eastern Air Lines). Armed Forces J 108:18 Jun 21 '71

Pollution control jobs await vets. AF Times 32:51 Dec 15 '71

President orders intensified drive on jobs for veterans. Officer 47:12 Oct '71

Prospective employers prefer 'clean-cut' vets. AF Times 31:20 Aug 4 '71

Pyramid sales schemes lure service separatees. Tony McHale. AF Times 32:4 Nov 24 '71

Reporting on defense-related employment. TIG Brief 23:19-20 Sep 24 '71

Retiree hiring faces probe. Ed Gates. AF Times 31:13 Jul 21 '71

Retirees also feel pinch in unemployment increase. AF Times 32:6 Nov 10 '71

Science under siege. Willard F. Rockwell, Jr. Ordnance 56:60-61 Jul-Aug '71

Service retirees face employment problems as job market fades. Officer 47:24 Jan '71

Sharing the harvest (of Air Force training). Capt Gary A. Guimond. illus Airman 15:12-16 Nov '71

'Sky marshal' positions open if you have qualifications. MarCor Gaz 55:6 Jan '71

Some to get more time for Transition training. AF Times 31:4 Jan 6 '71

Targeting your "second career." LtCol James R. Mailler. illus Army Dig 26:42-44 Mar '71

Teaching offers rewards. Robert E. Hicks. AF Times 32:13 Nov 17 '71

10,745 youth jobs set--few for AF kin. Tony McHale. AF Times 31:1+ Apr 21 '71

31% increase asked in GI Bill payments. AF Times 32:8 Aug 25 '71

EMPLOYMENT - Continued

Training qualifications listed -- Transition center announcement expected. Tony McHale. AF Times 32:5 Nov 17 '71

(U.S. faces "scientific starvation" as thousands of scientists and engineers are without jobs) Signal 25:166 Jun '71

Veterans welcome in foreign service. AF Times 32: 17 Sep 8 '71

Vets facing job squeeze. AF Times 31:5 Apr 21 '71

Vets' job drive shows progress. AF Times 31:35 Feb 17 '71

War I vet (James F. Oates, Jr) heads job drive. Larry Carney. AF Times 31:22 Jan 20 '71

Your future as a veteran. illus tabs AF Times pt 1. Yes, vets, some do care. Larry Carney. 32:5-6 Oct 13 '71; pt 2, On-duty Transition does help. Bob Schweitz. 32:5-6 Oct 20 '71; pt 3, VA benefits aren't automatic. Bill Drach and Louis Dorsch. 32:42-43 Oct 27 '71; pt 4, GI Bill 'student body' growing. Larry Carney. 32:42-43 Nov 3 '71; pt 5, Vet unemployment dips. Larry Carney. 32:41-42 Nov 10 '71; pt 6, Disability pay confusing. Mel Jones. 32:46-47 Nov 17 '71; pt 7, VA caters to 'new vet.' George Marker. 32:43-44 Nov 24 '71; pt 8, GI home buying gets new life. George Marker. 32:45-46 Dec 1 '71; pt 9, SGLI conversion tips. Bill Kreh. 32:50-51 Dec 8 '71; pt 10, The beneficiary snag. Ruth Chandler. 32:37 Dec 15 '71; pt 11, How 'bout the Reserves. Ed Gates. 32: 30-31 Dec 22 '71; pt 12, Dear Congressman. Robert S. Horowitz. 32:29 Dec 29 '71

ENERGY see Force and Energy

ENGINEER CENTERS AND SCHOOLSAir Force

See also
Arnold Engineering Development Center

ENGINEERING

See also specific types of engineering, e. g.,
Civil Engineering
Military Engineering

The engineering aspects of the communications transition. (Address, AFCEA, Washington, June 9, 1971) Lee L. Davenport. Signal 25:56-59 Aug '71

Study and Teaching

Engineer Strategic Studies Group. Col John P. Chandler. Mil Engr 63:103-104 Mar-Apr '71

ENGINEERING RESEARCH

AOC (Assoc of Old Crows): A key to technological progress. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) A.R. Matthews. illus map tabs Elect Warfare 3:4-5+ Summer '71

Army engineer military construction system. Fanning M. Baumgardner. illus Mil Engr 63:116-118 Mar-Apr '71

Experiment in shore protection. LtCol Robert C. Riese. illus Mil Engr 63:181-182 May-Jun '71

Seismic safety for dams. Reginald A. Barron and Charles F. Corns. Mil Engr 63:236-238 Jul-Aug '71

ENGINEERS

The professional (development) degree program (for engineers offered at University of Wisconsin). Eugene E. Peer. illus AF Civil Engr 12:2-5 Nov '71

Reflections on the role of the engineer-manager. Thomas C. Cadogan. illus AF Civil Engr 12:11-13 Nov '71

Shifting from one industry to another--how transferable is the engineer's knowledge? Nathaniel Robbins, Jr. Signal 26:32-34 Nov '71

(U.S. faces "scientific starvation" as thousands of scientists and engineers are without jobs) Signal 25:166 Jun '71

Air Force

The architectural manager. Capt Leo H. Robinson. AF Civil Engr 12:8 Feb '71

Career development plans for engineers. Miguel J. Martin. illus AF Civil Engr 12:6-7 Nov '71

The dilemma of the aging engineer. Eugene E. Peer. illus tab AF Civil Engr 12:5-8 Aug '71

Planning an S&DE (Scientific And Development Engineering) career. Contact 25:15-16 Sep-Oct '71

Armed Forces

Military logistics engineers. LtCol L.C. Rosenstein. Ret. illus Log Spectrum 5:32-35+ Winter '71

Army

Army engineer military construction system. Fanning M. Baumgardner. illus Mil Engr 63:116-118 Mar-Apr '71

Army on the offensive--toward a restored and renewed environment. illus Soldiers 26:2-5 Sep '71

By a damsite. (Dworshak National Fish Hatchery) Frank King. illus Army Dig 26:46-47 May '71

Chance for survival--life-sustaining water: Your Army keeps it clean. Owen J. Remington. illus Soldiers 26:6-9+ Sep '71

Earthquake disaster engineering. Col Robert J. Malley. illus Mil Engr 63:153-156 May-Jun '71

Engineer Strategic Studies Group. Col John P. Chandler. Mil Engr 63:103-104 Mar-Apr '71

Experiment in shore protection. LtCol Robert C. Riese. illus Mil Engr 63:181-182 May-Jun '71

Funding increased for engineers, VA, Coast Guard, and Mar(itime) Ad(ministration). Armed Forces J 108:36-37+ Feb 15 '71

Harnessing the high water. Col Richard L. Hunt. illus Army Dig 26:4-6 Mar '71

The national environmental crisis--an engineer's view. Maj William B. Willard, Jr. illus Mil Engr 63:375-379 Nov-Dec '71

The Office of the Chief of Engineers. illus Mil Engr 63:186-187 May-Jun '71

Seismic safety for dams. Reginald A. Barron and Charles F. Corns. Mil Engr 63:236-238 Jul-Aug '71

Valley of the giant (Mississippi River). John W. Anderson. illus map Army Dig 26:7-9 Mar '71

ENGINEERS - ContinuedArmy - Cont'dHistory

Military engineer and statesman (Charles G. Dawes).
Eugene V. McAndrews. illus Mil Engr 63:40-41
Jan-Feb '71

19th century engineering: The Muscle Shoals Canal.
Leland R. Johnson. illus map Mil Engr 63:260-26
Jul-Aug '71

SGM Frederick Gerber: Engineer legend. Eugene V.
McAndrews. illus Mil Engr 63:240-241 Jul-
Aug '71

They rediscovered America--map makers' moments
of greatness. CSGM Vern H. McCartney, Jr. illus
Soldiers 26:18-21 Aug '71

National Guard--Air Force

EI-men save the Air Force millions of dollars. map
Air Reservist 23:8-9 Feb '71

National Guard--Army

Hand in hand. illus Natl Guardsman 25:28 Mar '71

Navy

The Naval Facilities Engineering Command. illus
Mil Engr 63:251-252 Jul-Aug '71

ENGINES

See also specific types of engines, e.g.,

Diesel Engines

Gas Turbines

Jet Engines

also subdivision under specific subjects, e.g.,

Airplanes--Engines

Airplanes, Military--Engines

Helicopters, Military--Engines

Rockets--Engines

Air pollution--hybrid engines the key? illus Govt
Exec 3:13-14 Feb '71

The clean car--waging a war of nerves. Govt Exec
3:19 Dec '71

Testing

A clean start. (Army vehicle pollution problem)
Michel R. Scott. illus Translog 2:9-10 Sep '71

ENLISTED MEN

See also

Airmen

Noncommissioned Officers

Soldiers

'Automatic' upgrading (to E-2 and E-3) may end.
AF Times 32:39 Nov 10 '71

Combating internal strife. MSgt R. L. Crume. illus
MarCor Gaz 55:46-48 Jan '71

EM problems hit all Services. AF Times 32:24
Oct 20 '71

Extended EM benefits blocked. AF Times 31:50
Mar 31 '71

Giant boosts in pay asked for recruits. Bob Schweitz.
tab AF Times 31:1+ Feb 10 '71

Per diem rules for EM held unjust 'biologically.'
AF Times 32:3 Sep 22 '71

Recruits' pay history traced--began at \$15 a month.
tab AF Times 31:6 Mar 17 '71

'Short payday' unlikely despite DAA expiration.
AF Times 31:8 Aug 4 '71

ENLISTED MEN - Continued

Travel cash eyed for all. AF Times 31:4 Feb 24 '71

Zumwalt calls retention problem 'nothing short of
disastrous.' tab Armed Forces J 108:14-15
Mar 15 '71

ENLISTMENT see Recruiting and Enlistment; Reenlist-
ment

ENVIRONMENT

See also

Pollution

Army on the offensive--toward a restored and re-
newed environment. illus Soldiers 26:2-5 Sep '71

Chance for survival--life-sustaining water: Your
Army keeps it clean. Owen J. Remington. illus
Soldiers 26:6-9+ Sep '71

The ecological crisis. Myron Tribus. illus Govt Exec
3:26-27 Dec '71

Engineers of the environment. (Civil Engineering
Division, Air Force Weapons Laboratory, Kirt-
land AFB, NM) A1C Dave Cole. illus Airman
15:25-28 Jan '71

Environmental assessments, statements. TIG Brief
23:6 Apr 9 '71

Environmental engineering at Libby Dam. Robert J.
Ayers and Phillip L. Cole. illus Mil Engr 63:193-
195 May-Jun '71

Environmental protection is here to stay. TIG Brief
23:17 Jul 2 '71

An ephemeral survey of environmental law. Grant C.
Reynolds. illus AF JAG L Rev 13:169-183
Summer '71

14 bases to start trash experiment. AF Times
32:10 Dec 29 '71

Fuels and Energy Seminar. (DSA Convention, 1971)
Gene T. Kinney and others. illus Review 51:31-32+
Nov-Dec '71

Meeting the pollution crisis--old hat to TAC. illus
AF Times 32:34 Oct 13 '71

Mission: Environmental protection. Gen John D. Ryan.
illus Airman 15: inside front cover Jan '71; AF
Plyc Ltr for Comdrs: Sup No. 3:32 Mar '71

Mobility and environmental research. (Movement of
military vehicles) D. R. Freitag and M. L. Doiron.
illus Mil Engr 63:12-15 Jan-Feb '71

The national environmental crisis--an engineer's
view. Maj William B. Willard, Jr. illus Mil Engr
63:375-379 Nov-Dec '71

NATO's third dimension. Marshall E. Wilcher. AU
Rev 22:65-68 Sep-Oct '71

On a clear day. Capt Gary A. Guimond. illus Airman
15:21-24 Jan '71

Our beleaguered environment. Gordon J. MacDonald.
Persp in Def Mgt, pp 11-20, Autumn '71

Planning for environmental quality. Col B. P. Pender-
grass. illus map Mil Engr 63:46-48 Jan-Feb '71

Poisons, pollutants & people. William A. Kinney.
illus Airman 15:9-12 Jan '71

Politics and change in pollution control. J. Clarence
Davies III. illus Def Mgt J 6:46-49 Feb '71

ENVIRONMENT - Continued

- Protecting the environment--the Air Force role. Interview. BrigGen M.R. Reilly. illus Airman 15:4-8 Jan '71
- The quality of the environment. (Address, Kittyhawk Post, Society of American Military Engineers, Wright-Patterson AFB, Ohio, Feb 23, 1971) LtGen Francis C. Gideon. AF Plcy Ltr for Comdrs: Sup No. 4:17-22 Apr '71
- The SST threat to the environment: Facts or guess-work? illus Interavia 26:813-815 Jul '71
- The struggle for survival. Leo Cherne. Signal 25:6-11 Jan '71
- Tax on packaging? (Statement before the Finance Committee, New York City Council, 1971) Norman L. Dobyns. illus Review 51:36+ Sep-Oct '71
- Time for constructive progress. (National Center for Solid Waste Disposal) Donald M. Kendall. Review 50:37+ Mar-Apr '71
- To prevent a world wasteland. George F. Kennan. (Condensed from Foreign Affairs, April 1970) illus Mil Rev 51:23-34 Jan '71
- With a little help--from our friends. A1C Dave Cole. illus Airman 15:29-31 Jan '71

ENVIRONMENTAL PROTECTION AGENCY

- EPA is off to a fast start, but the early pace is hectic. Samuel Stafford. illus chart Govt Exec 3:33-34+ May '71
- The ecological crisis. Myron Tribus. illus Govt Exec 3:26-27 Dec '71

ENVIRONMENTAL PROTECTION RESEARCH

- See also related subjects, e.g.,
Clothing, Protective
Desert Operations
- Engineers of the environment. (Civil Engineering Division, Air Force Weapons Laboratory, Kirtland AFB, NM) A1C Dave Cole. illus Airman 15:25-28 Jan '71
- On a clear day. Capt Gary A. Guimond. illus Airman 15:21-24 Jan '71
- Physiological responses to cooling the head and neck versus the trunk and leg areas in severe hyperthermic exposure. Abbott T. Kissen and others. illus tabs Aerosp Med 42:882-888 Aug '71
- Space station life support experiment. illus Space World H-3-87:7-9 Mar '71
- Use of skin temperature to predict tolerance to thermal environments. P.F. Iampietro. illus tabs Aerosp Med 42:396-399 Apr '71

ENVIRONMENTAL SCIENCE SERVICES ADMINISTRATION

- See also
National Oceanic and Atmospheric Administration

ENVIRONMENTAL SERVICES

- For local pollution fighters, few problems are theoretical. Samuel Stafford. illus Govt Exec 3:65-66 Nov '71
- Meet the Mets--they make weather work for the Army. Zane Miskin. illus Army Dig 26:50-51 Feb '71
- NOAA--infant government agency confronts the environmental crisis. (Interview with Robert M. White) Leon Shloss. illus Govt Exec 3:52+ Jun '71
- No paper lion (Peter Walker)--Britain plans ahead. illus Govt Exec 3:22 Jul '71

ENVIRONMENTAL SERVICES - Continued

- Oceans--waves of data collected (in Navy's environmental protection program). illus Govt Exec 3:35 Nov '71

EQUAL EMPLOYMENT OPPORTUNITY see

- Civilian Employees
Employment
Project--Transition

EQUIPMENT

- See also subdivision Equipment under specific subjects, e.g.,
Airplanes, Military--Equipment
Vietnamese Conflict, 1957--Equipment
- Weapons, vehicles, equipment. Regular feature in issues of International Defense Review

Maintenance and Repair

- Equipment readiness. Maj Jerome G. Peppers, Jr. Ret. AU Rev 22:71-74 Jul-Aug '71

Air Force--U. S.

- TV inspection and chemical grouting of sanitary sewer lines. Bruce C. Gandy. illus AF Civil Engr 12:6-7 Feb '71

Maintenance and Repair

- DIFM (Due-In From Maintenance) management program. TIG Brief 23:10 May 7 '71

- Equipment maintenance policies, objectives, and responsibilities. TIG Brief 23:13 Dec 31 '71

- Warranty/guarantee. TIG Brief 23:11 Jan 29 '71

Testing

- Predictive testing for advanced Air Force systems. (Address, National Symposium on Predictive Testing, Anaheim, Calif, April 21, 1971) Col Richard G. Rumney. AF Plcy Ltr for Comdrs: Sup No. 7:9-14 Jul '71

Armed Forces--U. S.Testing

- Operational testing. Jacob A. Stockfisch. illus Mil Rev 51:66-82 May '71

Army--France

- Satory III: (3d exhibition of) weapons and equipment for the modern army (June 7-11, 1971). illus Intl Def Rev 4:331-336 Aug '71

Army--Great Britain

- The British Army's future range of logistic vehicles. (Based on paper, British Armoured Vehicles Symposium, Woolrich, Eng, June 24, 1971) LtCol J. C. J. Rayment. illus Intl Def Rev 4:380-382 Aug '71

Army--U. S.

- AMC streamlining aims to 'put it all together.' Gen Henry A. Miley, Jr. illus tab Army 21:42-46 Oct '71
- Army mobility for logistical support. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) BrigGen George M. Bush. illus Mil Engr 63:306-312 Sep-Oct '71
- Army triple threat division (TRICAP--TRiple CAPability) test at Ft Hood (Tex). Brooke Nihart. illus Armed Forces J 108:30-31+ May 3 '71

EQUIPMENT - ContinuedArmy--U.S. - Cont'd

Army weapons, equipment: Looking for a breakthrough. Eric C. Ludvigsen. illus Army 21:122-123+ Oct '71

Mission: Developing mobility support--Mobility Equipment Research and Development Center. Col L nnett L. Lewis. illus chart Def Ind Bul 7:36-41 Summer '71

Testing

Weapons and equipment testing. Maj Richard D. James. illus Infantry 61:36-39 May-Jun '71

Coast Guard--U.S.

Bender: A diversified range of global responsibilities. ADM Chester R. Bender. illus Armed Forces J 108:37-39+ Jan 4 '71

Marine Corps--U.S.

Chapman: An emphasis on combat readiness, quality, spirit, and discipline. Gen Leonard F. Chapman, Jr. illus Armed Forces J 108:34-36+ Jan 4 '71

National Guard--Air Force--U.S.

Air Guard and Reserve modernize. Armed Forces J 108:19 Jun 21 '71

17 more unit conversions announced as Air Guard modernization continues. illus Natl Guardsman 25:11-12 Apr '71

National Guard--Army--U.S.

Army rushes riot training and gear. Natl Guardsman 25:24 Feb '71

First M60 tanks turned over to Army Guard units. illus Natl Guardsman 25:22 May '71

Flow of riot control and "war" equipment continues. Natl Guardsman 25:23-24 May '71

Georgia National Guard. illus USA Avn Dig 17:10-13 May '71

"New" helicopters, used trucks head ARNG equipment flow list. Natl Guardsman 25:22 Mar '71

"Sheridans" added to Army Guard equipment flow. illus Natl Guardsman 25:20 Jul '71

Tools for the task--priority targets for the ARNG and USAR. illus Soldiers 26:30-31 Oct '71

NavyExhibitions

French Naval Exhibition at Le Bourget (Airport, Paris, Sep 15-19, 1970). illus (Also cutaways) Intl Def Rev 3:415-422 Dec '70

Navy--France

French Naval Exhibition at Le Bourget (Airport, Paris, Sep 15-19, 1970). illus (Also cutaways) Intl Def Rev 3:415-422 Dec '70

Navy--Great BritainExhibitions

British naval exhibition (Royal Naval College, Greenwich, 1971). John Marriott. illus Armed Forces J 109:26+ Nov '71

Navy--U.S.

In the beginning. (Exchange of aircraft maintenance and material information) Jack Chilton. illus Approach 17:6-8 Nov '71

EQUIPMENT - ContinuedNavy--U.S. - Cont'd

Small ships (hydrofoils and surface effect ships) in a big ship Navy. Brooke Nihart. illus Armed Forces J 108:26-29 Mar 15 '71

Reserve Forces--Air Force--U.S.

Air Guard and Reserve modernize. Armed Forces J 108:19 Jun 21 '71

A bold new look for the 70's. illus Air Reservist 23:6-7 Mar '71

Reserve Forces--Armed Forces--U.S.

Secretary Laird: Reserve equipment problems are current and serious. Melvin R. Laird. Officer 47:11 May '71

Reserve Forces--Army--U.S.

Tools for the task--priority targets for the ARNG and USAR. illus Soldiers 26:30-31 Oct '71

EQUIPMENT CONVERSION

This heading is used for re-equipping units with new or different equipment.

Reserve Forces--Air Force

Reserve Forces updated--nine units due conversion. AF Times 32:38 Dec 29 '71

ERVIN, Samuel J., Jr

Bill would allow trials of veterans. AF Times 31:4 May 26 '71

Ervin charges 'danger' in spying on civilians. AF Times 31:3 Mar 10 '71

Ervin introduces bill to try former servicemen. Armed Forces J 108:14 May 17 '71

ESCAPE EQUIPMENTSee also

Ejection Equipment
Parachutes

A-7D crash rescue/pilot extractor. Maj William G. Shideler. illus Aerosp Safety 27:10-11 Nov '71

ELSIE (Emergency Life-Saving Instant Exit): A life-saver--instant plane door. illus AF Times 32:30 Aug 25 '71

ELSIE (Emergency Life Saving Instant Exit system). illus Aerosp Safety 27:8-9 Nov '71

Escape systems: Who needs them? Helicopters do! CWO R.F. Williams. illus Approach 17:26-29 Dec '71

The helicopter: Hazardous at any height? Lt W. H. Baker. (Reprinted from U. S. Naval Institute Proceedings, Oct 1970) tab illus (Also cutaways) USA Avn Dig 17:52-58 Sep '71

ESKIMOS

Eskimo Scouts teach Arctic skills to "regulars." illus Natl Guardsman 25:32-33 Mar '71

ESPIONAGE see Spies and SpyingETHICSSee also

War--Ethical Aspects

The elusive concept of honor. Capt Wesley K. Clark. illus Armor 80:22-25 Sep-Oct '71

EUROPE

The Bertrand Stewart Prize Essay, 1970. (Concept of European operations for the 1980 period) Lt J. C. B. Sutherland. illus Army Qtr 101:163-177 Jan '71

German reunification and European security. SqLdr B. R. L. Easton. illus Hawk No. 32:49-55 Feb '71

NATO and the Brezhnev doctrine. MajGen M. W. J. M. Broekmeijer. illus NATO's Fifteen Nations 16: 22-24 Jun-Jul '71

A united Europe? James B. Edwards. tab Ordnance 56:124-125 Sep-Oct '71

EUROPE, EASTERNForeign RelationsRussia

Whither Eastern Europe? Hugh Seton-Watson. illus Hawk No. 31:13-18 Feb '70

EUROPE, WESTERN

Britain--Common Market entry. illus Govt Exec 3: 42-43 Oct '71

Can Europe stand alone? Capt Sten Ohlander. illus Hawk No. 31: 2-39 Feb '70

The moral values of the Free World, the common heritage of the countries of the (NATO) Alliance. M. W. J. M. Broekmeijer. NATO's Fifteen Nations 16:18-25 Aug-Sep '71

NATO's nuclear strategy and its dangers. Maj E. Hintz. Army Qtr 101:136-140 Jan '71

The rearming of Germany 1950-1954: A linchpin in the political evolution of Europe. LCDR Benjamin H. Simpson III. illus Nav War Col Rev 23:76-90 May '71

Description and Travel

It's cheaper than you think--on leave in Europe. SP5 Tom Bailey. illus Soldiers 26:48-50+ Jun '71

Economic Conditions

The defense of Northwest Europe and the North Sea. MajGen J. L. Moulton, Ret. illus maps tabs US Nav Inst Proc 97:80-97 May '71

Foreign RelationsUnited States

Detente and security: The options. Theo Sommer. illus NATO's Fifteen Nations 15:78-84 Dec '70-Jan '71

Politics and Government

The defense of Northwest Europe and the North Sea. MajGen J. L. Moulton, Ret. illus maps tabs US Nav Inst Proc 97:80-97 May '71

EUROPEAN COMMAND, ALLIED see Allied Command EuropeEUROPEAN ECONOMIC COMMUNITY

Britain--Common Market entry. illus Govt Exec 3: 42-43 Oct '71

A common European seaport policy. F. Strauss. illus Def Trans J 27:48-55 Sep-Oct '71

"Soviet military strength is enormous and growing steadily." (Interview with Britain's Lord Carrington) illus Govt Exec 3:49-51 Dec '71

EVALUATION OF CASUALTIESSee also

Aeromedical Evacuation

EVALUATION (EDUCATION)

The instructor evaluation. TSgt Kenneth F. Maloney USAF Instrs J 9:22-24 Summer '71

Student evaluation of instruction: A primary feedback method. Maj William A. Lang. illus tab Mil Rev 51:48-55 Jan '71

EVANS, William J.

Air Force's Evans: A way to deny the enemy. por Govt Exec 3:30 May '71

Igloo White. John L. Frisbee. por AF Mag 54:48-53 Jun '71

EVOLUTION

Origin of life. Spaceflight 13:458-459 Dec '71

EXAMINATIONS see Tests and MeasurementsEXCHANGE PROGRAMS, MILITARYSee also

Allied Military in the U.S.

Closer United Kingdom military association with European NATO allies. WgComdr K. E. Richardson. Royal Air Forces Qtr 10:306-312 Winter '70

Guardsmen, West Germans, swap places. Capt Donald K. Buckman. illus Natl Guardsman 25:18-19+ Dec '71

Midshipmen's foreign exchange cruises. ENS H. L. B. Wilder. illus US Nav Inst Proc 97:50-57 Oct '71

Reflections on an Air Force/Navy exchange tour. Maj William J. Breckner, Jr. illus AU Rev 22: 63-66 Mar-Apr '71

EXCHANGESAir Force--U.S.

AFers perform many jobs with Vietnam (Regional) Exchange. illus AF Times 32:18 Aug 18 '71

(BrigGen Jeanne) Holm prods base stores to stock WAF uniforms. AF Times 32:22 Nov 10 '71

Survey of retired finds most use BX, commissary. Ed Gates. AF Times 32:1+ Sep 22 '71

Unannounced exchange inspections initiated. Armed Forces J 108:15 Mar 15 '71

Armed Forces--U.S.

A&AFES vending operations. (Remarks, Defense Supply Assoc, 23d Annual Convention, Philadelphia, Oct '70) H. H. Fishman. Review 30:38+ Jan-Feb '71

BX, commissary price hikes seem likely. AF Times 32:4 Sep 8 '71

Black-oriented products sell well in exchange. AF Times 31:5 Aug 4 '71

Blue-collar raise plan starts flap. AF Times 32:5 Aug 18 '71

Busted general denies corruption--Viet Exchange, club probe. AF Times 31:3 Mar 24 '71

Changes coming in BX operations. AF Times 31:1+ Jun 16 '71

Club funds overhaul called for. Bob Horowitz. AF Times 32:1+ Nov 10 '71

Club procedures tighten. AF Times 31:6 Mar 24 '71

Clubs, exchanges face Defense study. AF Times 32:4 Aug 25 '71

EXCHANGES - ContinuedArmed Forces - U. S. - Cont'd

Conducting self-evaluation inspections. TIG Brief 23:2 Jun 4 '71

DOD seeks raises for club work. Bob Schweitz. AF Times 31:1+ Jun 2 '71

\$ from places squeeze on BXs. AF Times 32:5 Sep 9 '71

Exchange, club payoffs probed. Bob Horowitz. AF Times 31:1+ Feb 24 '71

Exchange officials set no-notice store visits. AF Times 31:36 Mar 31 '71

Exchange service procurement solicitations. TIG Brief 23:15 May 21 '71

Exchanges around world get centralized manager. AF Times 32:51 Dec 15 '71

Exchanges told to cut prices. Bob Horowitz. AF Times 31:3 Jan 6 '71

HASC critical of non-appropriated fund activities. Brooke Nihart. Armed Forces J 108:12+ Jan 4 '71

Introspect '71. (Highlights and presentations, Commissary and Exchange Symposium sponsored by Southern Calif Chapter, Defense Supply Assoc, Anaheim, April 14-16, 1971) Review 50:49-50+ May-Jun '71

Military Exchanges Resale Seminar. (DSA Convention, 1971) John G. Tower and others. illus Review 51:77-79+ Nov-Dec '71

Most Viet clubs, stores called corrupt in probe. AF Times 31:6 Mar 10 '71

Packaging and Materials Handling Seminar. (DSA Convention, 1971) MajGen J. G. Kalergis and others. illus tabs Review 51:43+ Nov-Dec '71

Probe of club corruption ends--busted general stands off senators. AF Times 31:17 Mar 31 '71

The Ribicoff inquiry. Edward J. Michelson. illus Review 50:43+ May-Jun '71

Senate orders crackdown on military club/PX system. Armed Forces J 109:12+ Dec '71

Senate probes fraud in clubs. Bob Horowitz. AF Times 31:1+ Mar 3 '71

Serving you, the customer. (Army and Air Force Exchange Service). LtCol Richard A. Summers. illus Soldiers 26:38-42 Nov '71

Summary, Philbin Subcommittee findings, recommendations and approvals for exchanges and commissaries. Rankin R. Boone. tabs Review 50:21-22+ Jan-Feb '71

Theft in exchanges declines for FY '71. AF Times 31:5 Jul 28 '71

'Undue influence' vendors. Armed Forces J 108:19-20 Jun 7 '71

History

Military Exchanges Resale Seminar. (DSA Convention, 1971) John G. Tower and others. illus Review 51:77-79+ Nov-Dec '71

Army - U. S.

Unannounced exchange inspections initiated. Armed Forces J 108:15 Mar 15 '71

EXCHANGES - ContinuedNavy - U. S.

News from Navy. Regular feature in some issues of Review

EXECUTIVES

Federal Executive Service: "Where you stand depends on where you sit." Calvert Simmons. Govt Exec 3: 26-27 Aug '71

Operations research for the executive. Henry Ludmer. Review 51:25-26+ Jul-Aug '71

Organizational demands and the modern executive. (Based on address, Industrial College of the Armed Forces, Washington, Feb 6, 1970) Peter F. Drucker. Fld Artilleryman, pp 42-52, Mar '71

EXERCISESee also

Operation

Crested Cap

Dual-base Exercise (Crested Cap III) nears. AF Times 32:24 Sep 15 '71

FY-1972 fund bill passed--Exercise (Reforger and Crested Cap) halt ordered. AF Times 32:1+ Dec 29 '71

Reforger

Dual-base Exercise (Crested Cap III) nears. AF Times 32:24 Sep 15 '71

FY-1972 fund bill passed--Exercise (Reforger and Crested Cap) halt ordered. AF Times 32:1+ Dec 29 '71

MAC airlifts soldiers in Germany (in Exercise Reforger III). AF Times 32:45 Oct 13 '71

MAC redeploys Reforger (III) troops. AF Times 32:33 Dec 22 '71

Reforger II. illus Armor 80:32-35 Jan-Feb '71

Reforger III. Pictorial. Army 21:26-27 Dec '71

Reforgering the ties. Army Dig 26:51-55 Mar '71

(Tropo-scatter dish antennas part of STRATCOM-Europe's support for the recent Reforger II) illus Signal 25:62 Feb '71

EXHIBITIONS see subdivision Exhibitions under specific subjects, e. g.,

Aviation--Exhibitions

EXPLORERS AND EXPLORATIONS

The Army in Western exploration. Col Forrest R. Blackburn. illus map Mil Rev 51:75-90 Sep '71

Peary and the North Pole: Not the shadow of a doubt. CDR Edward Peary Stafford, Ret. illus US Nav Inst Proc 97:44-55 Dec '71

EXPLOSIVE ORDNANCE DISPOSAL

EOD job changing hands. AF Times 31:16 Jan 13 '71

Incentive pay for EOD personnel. TIG Brief 23:6 Jan 29 '71

90 acres of hell. Sgt John C. Gundersdorf. illus Airman 15:24-26 Apr '71

Project Palace Armor. TIG Brief 23:11 Jan 15 '71

EXPLOSIVES AND EXPLOSIONS

See also
Nuclear Explosions

Accident prevention should never stop. TIG Brief 23:14 Apr 23 '71

Blast effects on strategic structures. T. E. Kennedy. illus Mil Engr 63:315-318 Sep-Oct '71

Customs inspection of unaccompanied baggage containing explosives. TIG Brief 23:16 May 7 '71

Explosive excavation--current trends. LtCol Robert L. LaFrenz. illus tab Mil Engr 63:176-178 May-Jun '71

Explosives safety. Regular feature in some issues of Aerospace Safety

Explosives safety. TIG Brief 23:9 May 7 '71

Flash-point! TIG Brief 23:19 May 7 '71

Operation Prairie Flat. Jack R. Kelso and LtCol J. Choromokos, Jr. illus Mil Engr 63:16-18 Jan-Feb '71

Percussion primer mixes. (History of initiating explosives) Bruce A. Bydal. illus Ordnance 56:230-233 Nov-Dec '71

Safeguarding firearms, ammunition, and explosives. TIG Brief 23:16 Jul 23 '71

To strike unseen. Fraser Scott. illus Royal United Svcs Inst for Def Studies J 116:30-35 Jun '71

Unlawful carrying/shipping of explosives on passenger aircraft. TIG Brief 23:10 Oct 8 '71

Waivers from explosives quantity-distance criteria. TIG Brief 23:13 Apr 23 '71

EXPORT AND IMPORT TRADE

Commerce takes a new stance--under Stans. Interview. Maurice H. Stans. illus Govt Exec 3:34-36+ Aug '71

National decline. LtGen Ira C. Eaker, Ret. AF Times 32:13 Aug 18 '71

Selling jet engines--who says they're better? (Interview with General Electric's Gerhard Neumann) illus Govt Exec 3:14-15 Jan '71

Soviet merchant fleet: 13 million tons of political power. Albert E. May. illus Navy 14:25-29 Mar '71

EXTENSION COURSE INSTITUTE

ECI and the 'good years.' illus Air Reservist 23:8-9 Mar '71

EXTRATERRESTRIAL LIFE

Applied exobiology. John M. Prytz. Space World H-11-95:34-35 Nov '71

Origin of life. Spaceflight 13:458-459 Dec '71

Seeking extra-terrestrial civilizations. (Symposium at Byurakan Astrophysical Observatory, Armenia, Sep 6-11, 1971) Spaceflight 13:464 Dec '71

Super hurricanes on Mars? Space World H-11-95:37 Nov '71

The uniqueness of the earth. (Adapted from Thomas D. White Lecture, Air University, Maxwell AFB, Ala, March 2, 1971) William G. Pollard. illus tab AU Rev 22:34-44 Jul-Aug '71

EYES

See also
Flash Blindness

Aerospace physiological optics: I. Depth perception. R. C. Karlsberg and others. illus tabs Aerosp Med 42:1080-1085 Oct '71

Comparison of tracking-task performance and nystagmus during sinusoidal oscillation in yaw and pitch. Alan J. Benson and Fred E. Guedry, Jr. illus Aerosp Med 42:593-601 Jun '71

Comparisons of nystagmic responses in basic airmen, grounded pilots and active pilots. Gregory J. Matz and James W. Wolfe. illus tabs Aerosp Med 42:627-629 Jun '71

Effect of changes in illumination level on Electro-OculoGraphy (EOG). A. Gonsior and R. Malcolm. illus tab Aerosp Med 42:138-140 Feb '71

The eye and you. illus Aerosp Safety 27:3-5 Oct '71

An eye for an eye--skilled ocularists match nature. Cynthia Tillman. illus Soldiers 26:46-47 Oct '71

Intraocular effects on flashblindness: II. Parafoveal recovery. Gloria T. Chisum. illus tabs Aerosp Med 42:31-35 Jan '71

Oh say, can you see? Maj Nicholas E. Barreca. illus USA Avn Dig 17:14-19 Jun '71

Reflex vestibular control of head movement in man. J. S. Outerbridge and G. Melvill Jones. illus tab Aerosp Med 42:935-940 Sep '71

Vision at high altitudes. GpCapt T. C. D. Whiteside. illus Approach 17:14-16 Sep '71

Visual illusions. LtCol Donald G. Pitts, Ret. (Condensed from USAF Medical Service Digest, Sep 1969; reprinted from Interceptor, Dec 1970) illus USA Avn Dig 17:16-21 May '71

FAA see Federal Aviation Administration

FAMCAMPs see Recreation; Travel, Military

FBI see Federal Bureau of Investigation

FAIRCHILD HILLER CORP

Fairchild-Hiller, Northrop to build A-X prototypes.
illus Armed Forces J 108:17 Jan 4 '71

FALL, Bernard B.

The history and culture of Vietnam. (Lecture, Naval
War College, 1966) Bernard B. Fall. illus Nav War
Col Rev 23:48-54 Feb '71

FAMILY SEPARATION ALLOWANCES

Comptroller lifts bar to FSA for some. AF Times
32:19 Sep 15 '71

Finance explains FSA allowances. AF Times 31:5
Jan 20 '71

Wife in military barred from FSA. AF Times 32:17
Sep 29 '71

FAMILY SERVICES

Abortions opponent loses fight. Jim Sample. AF
Times 31:3 Feb 3 '71

The Army's toughest job--notifying the next of kin.
Sgt1C Carl Martin. illus Soldiers 26:25-28 Aug '71

Care found hard to get. AF Times 31:3 Jul 21 '71

Mobilized for mercy. Maj Horace V. Reeves. Airman
15:9-11 May '71

Nixon order hits at abortions. AF Times 31:6
Apr 21 '71

Nixon policy questioned on abortions in military.
AF Times 31:13 May 12 '71

Schilling Manor. (Army Community Service Program)
LtCol Jerry L. McKain. illus Mil Rev 51:24-29
Nov '71

USAF family services. AF Plcy Ltr for Comdrs: Sup
No. 3:30-31 Mar '71

FATIGUE

Affect adjective checklist assessment of mood varia-
tions in air traffic controllers. R. C. Smith and
others. tabs Aerosp Med 42:1060-1064 Oct '71

Etiology of a midair collision. CW3 Jose A. Suarez.
illus USA Avn Dig 17:36-38 May '71

Performance and fatigue in experimental double-crew
transport missions. D. A. Harris and others. illus
tabs Aerosp Med 42:980-986 Sep '71

Pilot fatigue--management and command responsi-
bility. illus Aerosp Safety 27:2-3 Jun '71

"Tired? Who's tired?" illus tab Approach 17:40-42
Aug '71

FATIGUE IN METALS see Strains and Stresses

FEAR

Was I scared? Maj Roger T. Rhodes. illus Interceptor
13:13-15 Dec '71

FEDERAL AID

Cutbacks--affected cities ask aid. illus Govt Exec
3:10+ Feb '71

FEDERAL AID - Continued

Streamlining the delivery of federal assistance to
states and communities. Maj Mark A. McBriarty.
Def Mgt J 6:32-35 Feb '71

FEDERAL ASSISTANCE PROGRAMS see Federal Aid

FEDERAL AVIATION ADMINISTRATION

ATC planning in the USA. Douglas Cornell. Interavia
26:135 Feb '71

Air traffic control--crisis in the United States. J.
Philip Geddes. tab Interavia 26:1182-1183 Oct '71

FAA holds two-day hearing to obtain comments on
possible regulation changes--age 60 rule. Aerosp
Med 42:1355-1356 Dec '71

FAA seeks noise reduction proposals. Interavia 26:
20-21 Jan '71

Implementing the FAA 10 year plan. illus Interavia 26:
937-938 Aug '71

Medical examination for FAA certification. TIG
Brief 23:25 Mar 12 '71

FEDERAL BUREAU OF INVESTIGATION

FBI agents teach class at Keesler (AFB, Miss).
AF Times 31:33 Jan 13 '71

FEDERAL COMMUNICATIONS COMMISSION

The impact of technological advances on regulatory
problems. Dean Burch. Signal 25:24-26 Feb '71

FEDERAL MARITIME COMMISSION

America's future on the seas. Scot MacDonald. illus
Govt Exec 3:29-33 Jan '71

New interagency study (SPANS--Sealift Procurement
And National Security) focuses on maritime prob-
lems. James D. Hessman. illus Armed Forces J
108:26-28 Jul 19 '71

FEDERAL TELECOMMUNICATIONS SYSTEM see
Communications Systems--U. S.

FELLOWSHIPS see Scholarships and Fellowships

FERRYING OF AIRCRAFT

Ferrying aircraft. LCDR A. C. Friedman, Ret. illus
Approach 17:38-40 Dec '71

FIELD FORCES

Photogrammetry for the Field Army. F. Raye
Norvelle. illus maps Mil Engr 63:398-400 Nov-
Dec '71

FIGHTER UNITS

& Darts. Capt Larry B. McBride. illus Interceptor
13:13-15 Jan '71

Daggers. Col Wayne C. Gatlin. illus Interceptor
13:10-12 Jan '71

57th FIS--Hughes Trophy. Capt Don Echelberger.
illus Interceptor 13:20-21 Jan '71

History of No. 32 Squadron. J. D. R. Rawlings. illus
Air Pict 33:424-427 Nov '71

Homestead (AFB, Fla): Our newest detachment. illus
Interceptor 13:12-13 Mar '71

An integrated squadron weapons program. Capt James
C. Posgate. illus USAF Ftr Wpns Rev No. 2:4-9
Summer '71

Mission accomplished. (355th and 31st Tactical
Fighter Wings in SEA) Capt Gary A. Guimond.
Airman 15:17-18 Sep '71

FIGHTER UNITS - Continued

- Myrtle Beach (AFB, SC, 354th Tactical Fighter)
Wing ends shift to A-7Ds. AF Times 31:48
Jul 7 '71
- "Nite Owl" operations (in 197th Tactical Fighter Sq.
Ubon RTAFB, Thailand). LtCol Charles F
Harrington. illus Tac Air Warfare Cen Qtr Rpt
2:4-11 Dec '70
- Tournament of champions--William Tell, 1970. illus
Interceptor 13:5-6 Jan '71
- Voodooos. Maj Tom H. Lundquist. illus Interceptor
13:7-9 Jan '71
- William Tell 1970. MSgt John W. Hart. illus Airman
15:17-19 May '71
- William Tell 1970 (Tyndall AFB, Fla, Oct 26-31,
1970). LtCol Joseph L. Phinney. illus AU Rev
22:29-33 May-Jun '71

History

- The Assam Dragons (25th Tactical Fighter Sq).
Albert C. Piccirillo. illus tab Am Avn Hist Soc J
16:131-138 Summer '71
- End of an era (for 27th, 71st, and 94th FISqs). illus
Interceptor 13:8-13 Aug '71

FIGHTER WEAPONS AND GUNNERY MEETS

- Best Hit '71--modern weapons in an old-world setting
(AIRSOUTH's tactical weapons meet, Eskisehir
AB, Turkey, July 1971) LtCol Harold A. Susskind.
illus AF Mag 54:48-51 Oct '71

Air Force

- & Darts. Capt Larry B. McBride. illus Interceptor
13:13-15 Jan '71
- Daggers. Col Wayne C. Gatlin. illus Interceptor
13:10-12 Jan '71
- Tournament of champions--William Tell, 1970. illus
Interceptor 13:5-6 Jan '71
- Voodooos. Maj Tom H. Lundquist. illus Interceptor
13:7-9 Jan '71
- William Tell '70. illus AF & Space Dig 54:46-48
Jan '71
- William Tell 1970. MSgt John W. Hart. illus Airman
15:17-19 May '71
- William Tell 1970 (Tyndall AFB, Fla, Oct 26-31,
1970). LtCol Joseph L. Phinney. illus AU Rev
22:29-33 May-Jun '71

FIGHTER WEAPONS SCHOOL see 4525th Fighter Weapons Wing4525th FIGHTER WEAPONS WING

- Red Barons all. (Fighter Weapons Instructor Course,
Fighter Weapons School, Nellis AFB, Nev) Capt
Ralph T. Hood. USAF Instrs J 9:17-19 Fall '71
- Smart bombs. LtCol R. Earl Hancy. illus USAF Ftr
Wpns Rev No. 2:1-3 Summer '71
- What is a weapons officer? Maj Robert H. Baxter.
illus USAF Ftr Wpns Rev No. 1:10-15 Spring '71

FINANCESee also

Auditing

Air Force--U.S.

AF Finance Center
AF Finance Center

FINANCE - ContinuedAir Force--U.S. - Continued

- The 1st AF's answer for the Air Force. Maj James M.
Hall and Alva L. Daniels. illus AF Compt 5:26-27
Mar '71
- Finance to give pay data. AF Times 31:10 Jan 27 '71
- How AF would use extra funds. AF Times 31:21
Jul 7 '71
- Military pay--accounting and finance procedures.
TIG Brief 23:9 Feb 12 '71
- More cutbacks in PCS possible. AF Times 31:4
Jul 28 '71
- New way to pass the buck (cashier tears for pay dis-
tribution for 1st SAF 48th Tactical Fighter Wg on
England). Maj Richard E. Bishop. illus Airman
15:21-22 Jun '71
- New year dawns--fiscally speaking. AF Times 31:15
Jun 30 '71
- The second challenge--new horizons for the comp-
troller cost analysis program. LtCol Norman B.
Davis. illus AF Compt 5:14-15 Jul '71

Armed Forces--U.S.See also

Joint Uniform Military Pay System

- Financial management digest. Regular feature in
some issues of Armed Forces Comptroller
- The Information Exchange Program. Phillip E. Good-
win. illus AF Compt 5:29 Jul '71
- (Special symposium on today's financial management
philosophy, 1971) illus Armed Forces Compt 16:
entire issue Spring '71

Army--U.S.

- Output related cost factors for the Operations and
Maintenance (O&M) appropriation. MajGen Autrey
J. Maroun. illus Armed Forces Compt 16:13-17+
Fall '71

Defense Dept--U.S.

- The Cost Accounting Standards Board--background,
operation and status. Arthur Schoenhaut. illus
Armed Forces Compt 16:22-25 Fall '71

Marine Corps--U.S.

- Bankruptcy and the FMF commander. Maj L.J.
Scolforo, Jr. illus MarCor Gaz 55:21-26 Apr '71

Navy--U.S.

- Navy JUMPS at Navy Finance Center Cleveland.
CDR James R. Johnson. illus Armed Forces
Compt pt 1, JUMPS: Past, present and future.
16:22-26 Summer '71; pt 2, The continuing system.
16:4-6+ Fall '71

FIRE CONTROL

- Here is entered material on the control of weapon
fire. For control of forest, house and similar fires
see Fires and Fire Prevention.

- Armament and fire control systems. illus (Also
cutaways) Intl Def Rev 4:244-247 Jun '71

- The Cobelda advanced tank fire control system. illus
Intl Def Rev 4:166-167 Apr '71

- Demon of death. LtCol Jack B. Farris, Jr. illus
Infantry 61:22-25 Jul-Aug '71

- Digital naval weapons control systems. R. D. S. Stubbs.
illus Intl Def Rev 4:251-252 Jun '71

FIRE CONTROL - Continued

Remember these words--fire mission, over! illus
USA Avn Dig 17:26-30 May '71

TACFIRE. Capt William W. Beverley. tab illus Fld
Artilleryman, pp 24-35, Aug '71

TACFIRE--an automated artillery fire direction sys-
tem. illus tabs Intl Def Rev 4:150-154 Apr '71

Tank directrix. LtCol R. Trofimov. illus Soviet Mil
Rev No. 4:41-43 Apr '71

FIRE CONTROL EQUIPMENT

An advanced fire control system. Richard M. Ogor-
kiewicz. illus Armor 80:28-31 Jan-Feb '71

Boresight--the fighter pilot's silent partner. Capt
Hugh K. Dayton, Jr. illus USAF Ftr Wpns NL
No. 4:20-22 Winter '70

SMASH (Southeast Asia Multi-sensor Armament Sys-
tem for Hueycobra) is a new day/night fire control
system. illus Signal 25:57 Feb '71

Search for a night sight. LtCol Santiago A. Garcia.
illus Infantry 61:52-53 Mar-Apr '71

FIRE DIRECTION CENTER

TACFIRE. Capt William W. Beverley. tab illus Fld
Artilleryman, pp 24-35, Aug '71

TACFIRE--an automated artillery fire direction sys-
tem. illus tabs Intl Def Rev 4:150-154 Apr '71

FIREARMS see Small ArmsFIREPOWER

The Army Cheyenne--designed to survive. Col
Robert J. Dillard. illus tab USA Avn Dig 17:2-7
May '71

Brass Strike VIII tests AF, Army units. AF Times
32:46 Oct 6 '71

Firepower battlefield. LtCol William L. Hauser.
illus Mil Rev 51:21-27 Oct '71

Remember these words--fire mission, over! illus
USA Avn Dig 17:26-30 May '71

To strike unseen. Fraser Scott. illus Royal United
Svcs Inst for Def Studies J 116:30-35 Jun '71

FIRES AND FIRE PREVENTIONSee also

Airplanes in Fire Fighting
Helicopters in Fire Fighting

also subdivision under specific subjects, e. g.,

Airplanes--Fires and Fire Prevention

Airplanes, Military--Fires and Fire Prevention

Helicopters, Military--Fires and Fire Prevention

Ships--Fires and Fire Prevention

Space Vehicles--Fires and Fire Prevention

Are my recreational facilities fire safe? TIG Brief
23:12 Mar 26 '71

Flash-point! TIG Brief 23:19 May 7 '71

General firefighting guidance for nuclear weapons.
TIG Brief 23:13 Aug 27 '71

Home fires: Family killer! illus Approach 16:18-23
Jan '71

Outstanding fire protection a "must." TIG Brief 23:21
Mar 26 '71

Equipment

Test proves a scorcher--fire apparel studied. illus
AF Times 32:40 Sep 1 '71

FIRE CONTROL - ContinuedStudy and Teaching

Through the smoke and flame. (Advanced Fire Pre-
vention Course at Chanute, AFB, Ill) Pictorial.
Airman 15:3-8 May '71

FIRING RANGES

Additional Culebra hearings promised. Armed Forces
J 108:10 Aug '71

Navy signs agreement with Culebrans to limit firing.
map Armed Forces J 108:14 Jan 18 '71

(Sen Mike) Gravel amendment to fund Culebra re-
placement. Armed Forces J 108:15-16 Jun 21 '71

FISH INDUSTRY AND TRADE

Trends in world and domestic fisheries. CDR James
H. Johnson. illus maps tab US Nav Inst Proc 97:
25-35 Jun '71

FISHER, O. C.

Chairman Fisher says will of Congress defied by
Secretary Volpe on Coast Guard Reserve. (Ex-
cerpts from opening statements to House Armed
Services Subcommittee on Reserves, 1971) O. C.
Fisher. por Officer 47:15 May '71

FITZHUGH, Gilbert W.

The Blue Ribbon Defense Panel in perspective. Col
John E. Bex. por Mil Rev 51:91-95 Sep '71

FITZHUGH BLUE RIBBON DEFENSE PANEL see Blue
Ribbon Defense PanelFITZPATRICK, Francis J.

Signal interviews the military communicators. RADM
Francis J. Fitzpatrick and MajGens Gordon T.
Gould, Jr and George E. Pickett. illus Signal 25:
80-82+ Jun '71

Something borrowed...something new? ('Spin-offs')
RADM Francis J. Fitzpatrick. Signal 25:19-20
Jan '71

FLAG OFFICERSUnited States

ADM Richard L. Conolly: A perspective on his notions
of strategy. LTJG Donald G. White. illus Nav War
Col Rev 24:73-79 Nov '71

Emphasis on youth as Navy flag board convenes.
Armed Forces J 108:16-17 May 3 '71

Flag and general officers of the naval services; offi-
cers of flag rank of the U.S. Navy and U.S. Coast
Guard and general officers of the U.S. Marine
Corps on active duty as of 1 January 1971. Pors
only. US Nav Inst Proc 97:299-332 May '71

Major command. RADM G.S. Morrison. illus US Nav
Inst Proc 97:14-17 Aug '71

Navy Sundowner par excellence (ADM Ernest J. King).
ADM J. J. Clark, Ret. illus US Nav Inst Proc 97:
54-59 Jun '71

New chief of NMC slated--ADM Kidd (and other re-
assignments and retirements announced). L. Edgar
Prina. illus Navy 14:30 May '71

New fleet bosses. illus Navy 14:37-38 Apr '71

President names 49 for flag rank. tab Armed
Forces J 108:15-16 May 17 '71

FLAG OFFICERS - ContinuedUnited States - Cont'd

- Remembering names & faces--ADM (Philip A.) Beshany in profile. Robert J. Boylan. illus Sea Power 14:32-33 Sep '71
- Stars vs supergrades: Who's ahead? Brooke Nihart. Armed Forces J 108:10 Aug '71
- An unnumbered Z-gram: CNO's 'up or out' policy. Armed Forces J 108:15-16 Mar 15 '71

FLAGS

- And yet it waves. LtCol Bob Chick. illus Soldiers 26:16-17 Jul '71
- Peace flags legal. Jim Sample. AF Times 31:1+ Mar 31 '71
- 27 pennants of pride--Z-71 creates Navy's first battlestreamers; and a 'Betsy Ross.' Robert J. Boylan. illus Navy 14:34-37 Mar '71

FLARES

- MK-45 aircraft flare. Capt Christopher D. Garbow. illus USA Avn Dig 17:16-17 Mar '71
- "Nite Owl" operations (in 497th Tactical Fighter Sq. Ubon RTAFB, Thailand). LtCol Charles F. Harrington. illus Tac Air Warfare Cen Qtr Rpt 2:4-11 Dec '70
- Pyrotechnic signals for pilots. tab illus (Also cutaway) Approach 17:26-31 Jul '71

FLASH BLINDNESS

- Cumulative flashblindness effects produced by multiple high intensity flashes. William H. Cushman. illus tabs Aerosp Med 42:763-767 Jul '71
- Effect of flash field size on flashblindness in an aircraft cockpit. William H. Cushman. illus tabs Aerosp Med 42:630-634 Jun '71
- Flashblindness recovery with and without protection in simulated flight conditions. Brian Ward and others. tabs Aerosp Med 42:149-152 Feb '71
- Intraocular effects on flashblindness: II. Parafoveal recovery. Gloria T. Chisum. illus tabs Aerosp Med 42:31-35 Jan '71

FLEET, 2d

- Can we reinforce the Sixth Fleet? Editorial. Navy 14:6 Jun '71

FLEET, 6th

- AEW aircraft in the Sixth Fleet. Armed Forces J 108:19 May 17 '71
- Can we reinforce the Sixth Fleet? Editorial. Navy 14:6 Jun '71
- Carrier air wing--U.S. Sixth Fleet. illus tab Intl Def Rev 3:400-403 Dec '70
- The situation in the Mediterranean. John Marriott. illus tab NATO's Fifteen Nations 16:82-89 Oct-Nov '71
- 'These wine dark seas'--as Vietnam winds down the Sixth Fleet becomes the fairhaired boy. L. Edgar Prina. illus Sea Power 14:21-24 Nov '71

FLEET, 7th

- SecNav and seamen agree. Robert J. Boylan. illus Navy 14:29 May '71

FLEET MARINE FORCE--Marine Corps--U. S. see Marine Corps--U. S.FLETCHER, James C.

- Coming: A new series of hypersonic scramjets? USAF and NASA working together. Interviews. James C. Fletcher and Neil A. Armstrong. por AF Mag 54:36-39 Oct '71

- The shuttle: U. S. 's airline into space. Interview. James C. Fletcher. por AF Mag 54:53-55 Sep '71

FLIGHT CONTROL SYSTEMS

- Automatic flight--an introduction. Max Nibloe and others. illus Interavia 26:1141-1144 Oct '71
- Automatic flight: Into the next decade--the TriStar AFCS. illus tabs Interavia 26:1416-1418 Dec '71
- Automatic flight--the American view. illus tab Interavia 26:1145-1147 Oct '71
- Avionics--military and civil. MajGen George E. Pickett. illus Signal 25:13-15 Jan '71
- C-141 flight control malfunctions. Capt Linus R. Wilks. tab MAC Flyer 18:12-15 Aug '71
- F-105 flight control corrosion. George E. Kammerer. illus Aerosp Safety 27:21 Apr '71
- TAPIR--a French approach to automatic flight. illus tab Interavia 26:1419-1420 Dec '71
- Triplex and simplex--the Trident and the Caravelle. illus Interavia 26:1148-1150 Oct '71
- The VC 10 and BAC One-Eleven flight control and landing systems. illus Interavia 26:1306-1308 Nov '71
- V/STOL controls and displays. R. W. Howard. illus (Also cutaway) Interavia 26:144-146 Feb '71

FLIGHT DIRECTOR SYSTEMS

- Big instrument--'135 flight director: Special Number Two. Majs John C. Bonnette and Emory M. Strong, Jr. illus Combat Crew 22:18-19 Sep '71
- Big instrument--special on the 135 flight director. Maj William E. Baker. illus Combat Crew 22:23 Apr '71

FLIGHT INFORMATION

- Here are entered articles on services provided for the purpose of giving advice and information useful for the safe and efficient conduct of flights.

See also related subjects, e. g.,
Weather Forecasting

- You've got it (pilot control) and you'd better keep it. Interceptor 13:14-15 Nov '71

FLIGHT INSTRUMENTS see Aeronautical InstrumentsFLIGHT NURSES

- Capt Gertrude M. Campbell named Flight Nurse of Year. illus Aerosp Med 42:802 Jul '71

FLIGHT PAY

- Changes sought in fly pay rule. AF Times 31:8 Feb 3 '71
- Fly pay changes advance. AF Times 32:1+ Dec 1 '71
- Four-for-pay may end--rated proficiency flying attacked in House bill. Bruce Callander. AF Times 32:1+ Nov 24 '71
- More pay asked for active fliers. Bob Schweitz. AF Times 31:1+ May 19 '71

FLIGHT PLAN

AIREPs--how they help you. Maj Robert F. Woodnal and Arthur W. Gulliver. illus MAC Flyer 18:19-21 Aug '71

Computer flight planning. LtCol Harold O. Morrison. illus tabs Navigator 18, No. 2:18-21 '71

European radar and flight data processing systems. illus Interavia 26:1184-1186 Oct '71

Plan B. illus Aerosp Safety 27:12-13 Sep '71

Relay of non-ATC information by USAF control towers. TIG Brief 23:3-4 Nov 19 '71

Sharing the airways. illus Approach 17:2-6 Dec '71

Time--proficiency: Challenge of proficiency. Capt William H. Campbell III. USA Avn Dig 17:26-27 Sep '71

FLIGHT RECORDS

Here are entered articles on the logs and reports of a flight. For articles on record flying time for a given distance see Aviation Records.

FLIGHT SIMULATORS

ANG wing gets C-130 simulator. AF Times 31:29 Mar 31 '71

Flight simulators are for you, use them! illus Approach 17:18-20 Sep '71

Helo pilots--Army automates training. illus Govt Exec 3:20 Jan '71

Indoor sight range simulator. Capt Thomas C. Utts. illus USAF Ftr Wpns Rev No. 3:14-17 Fall '71

More can learn to fly earlier. AF Times 31:40 Apr 28 '71

Navigator training overhauled--simulators to speed courses. AF Times 32:10 Sep 1 '71

New simulator tests aircraft. Armed Forces J 108:22 Jun 7 '71

Simulators for pilot training. TIG Brief 23:12-13 Sep 10 '71

Spatial orientation training. Robert L. Cramer. illus USAF Instrs J 8:25-28 Spring '71

'Stress' tested at Wright-Pat(terson AFB, Ohio). AF Times 32:40 Sep 15 '71

Two distinct "clicks." Capt William J. Ely, Jr. illus USA Avn Dig 17:19-21 Jan '71

FLIGHT SURGEONS

Capt (James R.) Hickman named year's Flight Surgeon. illus Aerosp Med 42:803 Jul '71

The flight surgeon's role in aircraft accident investigation. Maj Nicolas E. Barreca. illus USA Avn Dig 17:6-9 Nov '71

Medical support of aircrew members. TIG Brief 23:17 Jul 23 '71

TAC Capt (James R. Hickman, Jr) honored as top surgeon (USAF Flight Surgeon of Year). illus AF Times 31:19 May 12 '71

FLIGHT TRAINING

See also

Pilots--Education and Training

FLIGHT TRAINING - ContinuedAir Force--AustraliaHistory

Point Cook--birthplace of the R.A.A.F. illus Royal Air Forces Qtr 11:199-201 Autumn '71

Air Force--Great Britain

Friday the 13th (April 1945). illus Air Pict 32:410-411 Nov '70

Air Force--U.S.

More can learn to fly earlier. AF Times 31:40 Apr 28 '71

The new look in flying training. BrigGen James H. Watkins. USAF Instrs J 8:4-6 Spring '71

National Guard--Army--U.S.

First plateau. 2dLt Ronald M. Graham. illus USA Avn Dig 17:12-13 Jul '71

Reserve Officers Training Corps--Air Force--U.S.

1481 in AFROTC pass flight test. AF Times 31:9 Feb 10 '71

FLIGHTS, FAMOUS AND HISTORIC

Amelia Earhart's final flight. Francis X. Holbrook. illus US Nav Inst Proc 97:48-55 Feb '71

The first 59 (military airplanes). Robert Casari. illus tabs Am Avn Hist Soc J 16:1-17 Spring '71

FLOODS see DisastersFLUTTER see VibrationFLYING BOATS see SeaplanesFLYING CLUBS see Aero ClubsFLYING SAFETYSee also

Airplanes--Safety Measures

Airplanes, Military--Safety Measures

Helicopters, Military--Safety Measures

Accident-free flying is a way of life (for 40th Aerospace Rescue and Recovery Wg, Ramstein AB, Germany). illus MAC Flyer 18:21-23 Jul '71

Air safety--the benefits of PWIs (Proximity Warning Indicators). illus Govt Exec 3:26-27 Oct '71

As deadly as the real thing. illus Approach 17:44-45 Dec '71

Be aware--planning for the unplanned. illus Approach 16:14-17 Jun '71

Bent with the wind. illus Aerosp Safety 27:10-11 Apr '71

The case for more and better hangar flying. illus Approach 16:36-40 Mar '71

The challenge (aircraft accident prevention). Aerosp Safety 27:16-17 Oct '71

Complacency and the instructor pilot. Richard K. Bell. illus USA Avn Dig 17:60-62 Feb '71

Compromises without cause. (From presentation to Flight Safety Foundation 23d Annual International Air Safety Seminar, Washington, Oct 26-29, 1970) Gerard M. Bruggink. illus USA Avn Dig 17:50-55 Jan '71

FLYING SAFETY - Continued

- Critical emergency procedures. TIG Brief 23:11 Apr 9 '71
- Do you have a maintenance flight safety program? TIG Brief 23:2 Aug 6 '71
- A doomed mission. Maj James R. Hensley. illus USA Avn Dig 17:18-20 Sep '71
- Effects of wind shear on approach. Capt W. W. Melvin. illus Interceptor 13:8-11 Jun '71
- Expediency. illus Approach 17:26-30 Sep '71
- Happy fiscal new year! illus Approach 17:1-5 Jul '71
- The heat of things. illus tabs MAC Flyer 18:4-8 May '71
- Helicopter wake turbulence. Vernet V. Poupitch. illus Aerosp Safety 27:2-3 Dec '71
- "It'll probably be all right." Maj Ronald B. Weinert. (Reprinted from Interceptor, July 1966) illus Interceptor 13:24-27 Jul '71
- Naval Aviation safety. illus Approach 17:2-5 Sep '71
- Never bounce eggs. Ted Kontos. illus USA Avn Dig 17:36-38 Feb '71
- PIREPS (PIlot REPortS)--expanding to fill the need. illus Aerosp Safety 27:12-13 Jun '71
- Pull up! Pul... illus Approach 17:8-11 Sep '71
- Showmanship. (Reprinted from Interceptor, Sep 1966) illus Interceptor 13:7-9 Jul '71
- Spinout. illus Approach 17:6-7 Jul '71
- Subtle symptoms. Laurel D. Sand. illus USA Avn Dig 17:40-41 May '71
- Supersonic Smith. (Proper flight planning and pre-flight make flying safer) (Reprinted from Interceptor, April 1963) Interceptor 13:22-23 Jul '71
- To come in out of the rain. illus Aerosp Safety 27:6-7 Sep '71
- To go or not to go. (Reprinted from Interceptor, Aug 1968) illus Interceptor 13:10-11 Jul '71
- Too tight, too fast! (Helicopter formation) illus USA Avn Dig 17:50-51 Nov '71
- Violations--fly your assigned altitude. LtCol Lucien O. Sonnier. illus Aerosp Safety 27:9 Apr '71
- Vortex wake turbulence. Richard K. Bell and Arnold R. Lambert. (Adapted from Aerospace Safety, Aug 1970 and FAA Aviation News, March 1971) illus USA Avn Dig 17:58-63 Aug '71
- The weapons of summer. Maj William F. Schwening, Jr. illus Interceptor 13:5-7 May '71
- What are your limits (in adverse weather conditions)? Approach 17:42-43 Dec '71
- Why Combat Crew? Maj R. J. Peisher. illus Combat Crew 22:4-7+ Jun '71
- You can tell a fighter pilot, but... (Approach, Mech, and other publications of Naval Safety Center) illus Approach 16:26-33 Feb '71

FLYING STATUS

- Army drops senior aviators from flight duty. Armed Forces J 108:43+ Jan 4 '71
- Fund woes excuse 500 more rateds. Bruce Callander. AF Times 32:1+ Dec 29 '71

FLYING TIME

Here are entered articles on time spent in flying by an individual pilot to maintain his proficiency rating. For articles on record flying time for a given distance see Aviation Records.

- Fly pay changes advance. AF Times 32:1+ Dec 1 '71
- Flying time rule end considered. AF Times 31:9 May 26 '71
- Four-for-pay may end--rated proficiency flying attacked in House bill. Bruce Callander. AF Times 32:1+ Nov 24 '71
- Rated face 'build time' order--word due in August. Bruce Callander. AF Times 31:4 May 19 '71
- Time--proficiency: Challenge of proficiency. Capt William H. Campbell III. USA Avn Dig 17:26-27 Sep '71

FOG AND FOG DISPERSAL

- Don't divert--plan ahead (Projects Cold Cowl and Cold Crystal). illus MAC Flyer 18:22-25 Oct '71
- Fog. maps illus Approach 17:36-39 Oct '71
- Fog clearing program passes halfway mark. AF Times 31:33 Feb 10 '71
- The heat of things. illus tabs MAC Flyer 18:4-8 May '71
- Let's do away with fog. BrigGen William H. Best, Jr. illus Def Mgt J 7:41-47 Spring '71
- Raising the ceiling. TIG Brief 23:7-8 Oct 22 '71

FOODSee also

Nutrition
Rations
Space Feeding

- Food and Beverage Service Seminar. (DSA Convention, 1971) Capt John D. Graziadei and others. illus Review 51:67-68+ Nov-Dec '71
- More precious than bullets--the story of how one U.S. unit carried out an operation in Vietnam's vital 'rice war.' Maj Terry E. Rowe. illus Army 21:38-44 Mar '71

Preservation

- Controlled atmospheres--a sophisticated way of shipping perishables. James R. Lugg. illus tabs Def Trans J 27:50-52 Jul-Aug '71
- Fresh salad for the troops. Maj Mark L. Maloney. illus Translog 2:8-9 Mar '71

Supply

- Food and people. Don Pearlberg. Persp in Def Mgt, pp 33-40, Autumn '71
- Subsistence Seminar. (DSA Convention, 1971) MajGen John D. McLaughlin and Maj Joseph V. McGrail. illus Review 51:85-88+ Nov-Dec '71
- World food and population problems. William N. Fraleigh. illus NATO's Fifteen Nations 15:46-49+ Dec '70-Jan '71

Testing

- Army in Europe set to test filled milk. AF Times 31:13 Jun 23 '71

FOOD SERVICE

The microwave: From cosmos to cuisine. Col Barney Oldfield, Ret. illus map NATO's Fifteen Nations 16:58-64 Jun-Jul '71

Air Force

Beer in barracks given okay. AF Times 32:8 Nov 17 '71

Breakthrough in feeding (missile crews). Capt Gary A. Guimond. illus Airman 15:34-37 Feb '71

Cash BAS testing scheduled at Shaw (AFB, SC). AF Times 32:1+ Dec 22 '71

EM dining halls opened to dependents, guests. Tony McHale. AF Times 31:4 Apr 14 '71

More bases to get civilian KPs. Tony McHale. AF Times 32:1+ Aug 18 '71

Tighter BAS line ahead? Tony McHale. AF Times 31:1+ May 19 '71

Veterinary food inspection. TIG Brief 23:17 Nov 19 '71

Armed Forces

Civilians run fine mess-Fort Myer (Va) test. AF Times 32:4 Aug 18 '71

Food and Beverage Service Seminar. (DSA Convention 1971) Capt John D. Graziadei and others. illus Review 51:67-68+ Nov-Dec '71

The microwave: From cosmos to cuisine. Col Barney Oldfield, Ret. illus map NATO's Fifteen Nations 16:58-64 Jun-Jul '71

Army

He dishes it out. (MSGT Amos H. Catoe) illus Army 21:47-50 Aug '71

Study plans to switch KP duties to civilians. Officer 47:25 Feb '71

Subsistence Seminar. (DSA Convention, 1971) MajGen John D. McLaughlin and Maj Joseph V. McGrail. illus Review 51:85-88+ Nov-Dec '71

FORCE AND ENERGY

Fuels and Energy Seminar. (DSA Convention, 1971) Gene T. Kinney and others. illus Review 51:31-32+ Nov-Dec '71

FOREIGN AID see Economic Aid to Foreign Countries; Military Aid to Foreign Countries

FOREIGN AREA SPECIALIST PROGRAM see Education and Training--Army--U. S.

FOREIGN DUTY PAY

Overseas freeze relief refused. AF Times 32:6 Sep 29 '71

Thousands o'seas to get extra cash. AF Times 32:1+ Oct 20 '71

FOREIGN LEGION

Whatever happened to the French Foreign Legion? illus Mil Rev 51:56-62 Apr '71

FOREIGN NATIONALS IN THE ARMED FORCES

New career opportunity for Philippine recruits. Armed Forces J 108:13 Mar 1 '71

FOREIGN OBJECT DAMAGE

A-7 debris control. illus Aerosp Safety 27:10-11 Jun '71

Airplanes or bicycles. (Reprinted from Aerospace Safety, May 1970) illus Interceptor 13:16-17 Feb '71

Ragged maintenance. illus USA Avn Dig 17:36-37 Oct '71

Unwanted tools. Capt Larry J. Marty. illus USA Avn Dig 17:4-5 Aug '71

FOREIGN RELATIONS

For general foreign relations of a country, look under the name of the country, e. g. , United States--Foreign Relations. For foreign relations of one country with another, look under either country, e. g. , United States--Foreign Relations--Japan; France--Foreign Relations--United States.

See also

International Relations

FOREIGN SERVICE see Diplomatic and Consular Service

FORMATION FLYING

Too tight, too fast! (Helicopter formation) illus USA Avn Dig 17:50-51 Nov '71

FORMOSA see China (Republic)

FORMS, MILITARY

'Dream sheets' on file. AF Times 32:2 Nov 3 '71

The logic tree. Robert C. Deasy. illus Mil Rev 51: 94-98 Mar '71

New aviation mishap reporting system. illus tab USA Avn Dig 17:56-58 Jan '71

PCS notice form revised. AF Times 32:15 Aug 11 '71

Paperwork as an operations management tool. TIG Brief 23:7 Sep 24 '71

Policy on release of aircraft/missile accident safety investigation reports. TIG Brief 23:1 May 21 '71

Processing TC 80 transactions at base level. TIG Brief 23:8 Mar 12 '71

Specification analysis sheet. TIG Brief 23:15 May 21 '71

FORREST, James E.

MTMTS names new deputy, assistant commanders (RADM James E. Forrest and BrigGen Malcolm P. Hooker). por Translog 2:5-6 Aug '71

FORSYTHE, George I.

Armor in the 70s. LtGen George I. Forsythe. por Armor 80:7-11 Jan-Feb '71

Army's LtGen George I. Forsythe: "Return... to soldiering." por Govt Exec 3:23 Feb '71

The impact of VOLAR. LtGen George I. Forsythe. por Army 21:29-32 Oct '71

VOLAR (VOLunteer ARmy) test successful so far. Interview. LtGen George I. Forsythe. por Armed Forces J 108:32+ May 17 '71

FORTS see Army Posts

FORWARD AIR CONTROLLERS

- Air observer tips. illus Fld Artilleryman, pp 64-73, Aug '71
- Doughnuts anyone? Capt Ronald Langlas. illus USAF Ftr Wpns NL No. 4:23-25 Winter '70
- Fast FAC. Capt Alexander H. C. Harwick. illus USAF Ftr Wpns Rev No. 1:4-7 Spring '71
- A group called Wolf. LtCol Mark E. Berent. illus AF Mag 54:88-91 Feb '71
- Hawk (Capt John Hall). LtCol Stuart Shadbolt. illus Airman 15:47-48 Feb '71
- "Nite Owl" operations (in 497th Tactical Fighter Sq, Ubon RTAFB, Thailand). LtCol Charles F. Harrington. illus Tac Air Warfare Cen Qtr Rpt 2:4-11 Dec '70
- Roll back the curtain of the night. Capt Bud Crouch. illus AF & Space Dig 54:36-38 Jan '71
- Snap 'em, zap 'em. Capt Alexander H. C. Harwick. illus USAF Ftr Wpns Rev No. 1:48-50 Spring '71
- Support by FACs found vital to success in Laos. AF Times 31:21 May 26 '71

Education and Training

- FAC visual recon. Horace H. Valverde. illus map Tac Air Recon Dig 5:20-27 Jun '71
- New simulator helps training of controllers. AF Times 31:53 Aug 4 '71

FORWARD OBSERVER

- Air observer tips. illus Fld Artilleryman, pp 64-73, Aug '71

FOSTER, John S., Jr

- Defense research. Interview. John S. Foster, Jr. por Govt Exec 3:43-44 Apr '71
- Defense systems acquisition. John S. Foster, Jr. illus Def Mgt J 7:8-11 Fall '71
- FY 1972 Defense RDT&E program: Research and development in U.S. Defense Posture. John S. Foster, Jr. por Def Ind Bul 7:1-7 Summer '71
- Industry--future for defense R&D. Govt Exec 3:25 Jul '71
- Major AFA award (Schilling Trophy) earned by Apollo 15 (crew, Dr John S. Foster to receive H.H. Arnold Trophy, and Rep F. Edward Hébert to receive Vandenberg Trophy). AF Times 32:19 Sep 15 '71
- Major defense systems acquisition. Interviews. David Packard, John S. Foster, Jr and Barry J. Shillito. Ordnance 56:198-201 Nov-Dec '71
- (Pacifist scientists attack John S. Foster, Jr for his suggestions on Russia's overtaking the United States in science and technology) LtGen Ira C. Eaker, Ret. AF Times 31:13 Jun 23 '71
- Research and development of defense systems. John S. Foster, Jr. por Def Ind Bul 7:5-6 Fall '71
- The USSR is headed toward technological superiority. Interview. John S. Foster, Jr. por AF Mag 54:28-35 Aug '71

FOULOIS, Benjamin D.

- Last of the first (LtCol Carleton G. Chapman, Ret) illus Airman 15:9-11 Jun '71
- "The little big one" or "the last of the first" (Gen Benjamin D. Foulois). (Based on address, Falcon Foundation Dinner, Air Force Academy, Sep 11, 1970) Gen Ira C. Eaker, Ret. por Aerosp Hist 17:140-143 Dec '70

FOUR-DAY WEEK see Hours of LaborFRANCEForeign Policy

- France and NATO. SqLdr M.J. Matthews. illus Hawk No. 32:41-47 Feb '71

Foreign RelationsGreat Britain--History

- Iberville: Exponent of quick strike. LtCol Martin Blumenson and James L. Stokesbury. illus Army 21:45-48 Jul '71

NATO

- France and NATO. SqLdr M.J. Matthews. illus Hawk No. 32:41-47 Feb '71

Vietnam

- War really is hell. (First Indochinese war) Editorial. Officer 47:8+ Jul '71

History

- Iberville: Exponent of quick strike. LtCol Martin Blumenson and James L. Stokesbury. illus Army 21:45-48 Jul '71

- Maverick in warfare's formal age (Marshal Hermann Maurice de Saxe). LtCol Martin Blumenson and James L. Stokesbury. illus Army 21:55-58 Apr '71

Politics and Government

- France: A political culture divided against itself. LTJG William F. Averyt, Jr. illus Nav War Col Rev 24:52-64 Dec '71

FRANKLIN, Wesley C.

- Okinawa reversion. MajGen Wesley C. Franklin and Col C. Stuart Townshend. illus map Signal 25:98-100+ Jun '71

FRAUD

- Busted general denies corruption--Viet Exchange, club probe. AF Times 31:3 Mar 24 '71
- Club funds overhaul called for. Bob Horowitz. AF Times 32:1+ Nov 10 '71
- Club investigators ask few changes. AF Times 32:54 Nov 24 '71
- Club procedures tighten. AF Times 31:6 Mar 24 '71
- IRS probes CHAMPUS tax fraud. AF Times 31:24 Jun 2 '71
- Kickback cases dropped. AF Times 31:19 Jun 9 '71
- Most Viet clubs, stores called corrupt in probe. AF Times 31:6 Mar 10 '71
- Probe of club corruption ends--busted general stands off senators. AF Times 31:17 Mar 31 '71

FRAUD - Continued

- The Ribicoff inquiry. Edward J. Michelson. illus Review 50:43+ May-Jun '71
- Senate orders crackdown on military club/PX system. Armed Forces J 109:12+ Dec '71
- Senate probes fraud in clubs. Bob Horowitz. AF Times 31:1+ Mar 3 '71
- Voucher frauds hit hard. George Foster. AF Times 32:1+ Dec 29 '71

FREE WORLD

- The moral values of the Free World, the common heritage of the countries of the (NATO) Alliance. M. W. J. M. Broekmeijer. NATO's Fifteen Nations 16:18-23 Aug-Sep '71

FREEDOM OF THE PRESS

- Airpower could have won in Vietnam. ADM U. S. Grant Sharp, Ret. AF Mag 54:82-83 Sep '71
- Ellsberg charges challenged--expert says law misused. Court Gifford. AF Times 31:54 Jul 28 '71
- The hassle over the Pentagon Papers: Must the First Amendment always come first? Editorial. Army 21:6-8 Aug '71
- Military blasts airing of secrets (in New York Times). Ed Gates. AF Times 31:1+ Jun 30 '71
- The pen and the sword: National security and freedom of the press. James D. Hessman. Armed Forces J 108:37 Jul 5 '71
- Secrecy rules involved (between the government and the New York Times). Bruce Callander. AF Times 31:13 Jul 7 '71
- Security violations involve all ranks. AF Times 31:54 Jul 28 '71
- TV news reports damaging. LtCol Tom D'Andrea. MarCor Gaz 55:57 May '71
- Those Pentagon Papers--who needs them? Editorial. John F. Loosbrock. AF Mag 54:6-9 Aug '71

FREEDOMS FOUNDATION

- Freedoms Award winners named. AF Times 31:16 Feb 24 '71
- Guardsmen win (1970) Freedoms Foundation awards. Natl Guardsman 25:30-32 Feb '71
- Speak up for freedom. (Freedoms Foundation Award-winning letters by Capt Tibor Bierbaum and others) illus Army Dig 26:9-11 Apr '71
- 2 at Tan Son Nhut (AB, Vietnam) win (Freedom's Foundation) letters honors. AF Times 31:28 Apr 7 '71

FRENCH AND INDIAN WAR, 1755-1763

- Braddock's defeat. LtCol Justus M. M. Lenschau, Jr. illus map Mil Rev 51:30-40 Nov '71

FRIGATES see DestroyersFRINGE BENEFITS

- Civilian hobbies win IDs. AF Times 32:4 Aug 25 '71
- Entitlement of Reservists to military facilities and services. tab TIG Brief 23:5-6 Feb 26 '71
- Extended EM benefits blocked. AF Times 31:50 Mar 31 '71

FRINGE BENEFITS - Continued

- Full-salary concept proves complicated. Bruce Callander. AF Times 32:13 Dec 29 '71
- House panel eyes impact of benefits. Bob Schweitz. AF Times 31:1+ Jan 6 '71
- Incentives: 1st USN, now USMC. Ed Gates. AF Times 32:13 Dec 1 '71
- Lawmakers told civilians gaining in fringe benefits. AF Times 31:6 Jul 14 '71
- Many hazy on fringes. AF Times 31:41 Jan 27 '71
- Need found for money, benefits--ATC polls young married EM. AF Times 31:13 Apr 14 '71
- Politics decide service benefits. Bruce Callander. AF Times 32:13 Dec 1 '71
- Reserve benefits planned. AF Times 31:1+ Mar 3 '71
- Rules toughen retrieval of dependents' ID cards. AF Times 32:19 Nov 17 '71
- WAF (1stLt Sharron A. Frontiero) sues to get benefits for hubby. illus AF Times 31:1+ Jan 27 '71

FROEHLKE, Robert F.

- The key words: Involvement and teamwork. Robert F. Froehlke. por Army 21:16-18 Oct '71
- Military investigative activities. (Statement to newsmen, Feb 18, 1970) Robert F. Froehlke. AF Plcy Ltr for Comdrs: Sup No. 7:29-32 Jul '71
- New Army leadership--Sec Froehlke takes command as the Army faces new problems. por Ordnance 56: 114-115 Sep-Oct '71
- Resor quits, Froehlke named Secretary of Army. por Natl Guardsman 25:19 Jul '71

FROGMEN see Divers and DivingFUEL CONTAMINATION

- Cleaning tanks no job for tall. AIC Chuck Cole. AF Times 31:38 Jun 2 '71

FUEL TANKS

- See also
- Airplanes, Military--Fuel Tanks
- Lifeblood at U-Tapao Airfield, Thailand--pacesetter for the future. Capt James G. Smith, Jr. illus AF Civil Engr 12:18-20 May '71

Maintenance and Repair

- Cleaning tanks no job for tall. AIC Chuck Cole. AF Times 31:38 Jun 2 '71

FUELS

- See also
- Airplanes--Fuels
- Airplanes, Military--Fuels
- Ships--Fuels

- Clean cars--new way at GSA. Govt Exec 3:18 Jun '71

- Fuels and Energy Seminar. (DSA Convention, 1971) Gene T. Kinney and others. illus Review 51:31-32+ Nov-Dec '71

FUND RAISING

- \$ drive to aid 12 EM in move. AF Times 31:2 May 19 '71
- Home for EM widows granted tax exemption. AF Times 31:8 Jun 23 '71

FUSES, ORDNANCE

Loading delay elements. Saul Slemrod. illus (Also cutaway) Ordnance 56:55-59 Jul-Aug '71

FUTURESee alsoWar, Future

The aerospace industry looks ahead. John W. Anderson. Signal 25:194 Jun '71

Air superiority into the 1980s. Gen John C. Meyer illus AF Mag 54:42-45 Aug '71

Album: Photo story of 1981 Mars mission. Space World H-3-87:23-35 Mar '71

Army Aviation 2000. Maj Howard J. Stiles. illus USA Avn Dig 17:16-18 Jan '71

At sea--where we belong. Maj Robert C. McFarlane. illus US Nav Inst Proc 97:36-42 Nov '71

Détente and security: The options. Theo Sommer. illus NATO's Fifteen Nations 15:78-84 Dec '70-Jan '71

Electronic warfare technology--a State-of-the-Art report and a projection into the next decade. M. Halpern. illus Signal 25:22-25 Jan '71

A forward look (at computers and communications in the 1970's). (Address, AFCEA, Washington, June 10, 1971) Lawrence G. Roberts. illus map Signal 25:77-81 Aug '71

French Army, 1971-75. (Trans from a French publication) illus Mil Rev 51:56-61 Sep '71

The future Air Force. Gen John D. Ryan. illus Ordnance 56:202-205 Nov-Dec '71

A future for the destroyer? CAPT W. J. Ruhe, Ret. illus US Nav Inst Proc 97:33-38 Aug '71

The future of communications in South Vietnam. Interview. BrigGen Jack A. Albright. illus Signal 25:10-14 Apr '71

Future trends in global strategies. Brig K. Hunt. illus NATO's Fifteen Nations 15:66-71 Dec '70-Jan '71

Future United States space plans. illus tabs Interavia 26:156-159 Feb '71

The importance of space exploration. Carl R. Konkel. Space World H-4-88:44-45 Apr '71

Indian Ocean vacuum: Fact or fiction? Capt A. P. S. Bindra. illus NATO's Fifteen Nations 16:42-46 Feb-Mar '71

Landing force logistics. MajGen Herman Poggemeyer, Jr. illus Def Ind Bul 7:18-21 Fall '71

Lockheed wide-body jet market analysis. illus Interavia 26:894-896 Aug '71

Looking ahead thirty years after the death of Mende Rivers. Editorial. Officer 47:6 Feb '71

FUTURE - Continued

Marine Corps forecasters. LtCol O. Robert Edmondson. MarCor Gaz 55:14-15 Aug '71

Military communications--harbinger of the future. MajGen Gordon T. Gould, Jr. Signal 25:32-34 Jan '71

Mr Laird and the no war strategy for the 1970s. Lloyd Norman. illus Army 21:14-23 Feb '71

NASA space science and applications--future program. Space World H-4-88:38-40 Apr '71

The next 25 years (in the communications-electronics field). Dause L. Bibby and others. illus Signal 25:44-47+ Jun '71

1971--less money, fewer people, more jobs. Editorial. John L. Frisbee. AF & Space Dig 54:4-5 Jan '71

Science, technology, and change: Implications for the Navy. Col Raymond C. Shreckengost. illus Nav War Col Rev 24:1-16 Nov '71

Some comments on 'The Phenomenon of Time Dilation' (by Derek Lawden, Spaceflight, April 1970)-2. Walter A. Elliott. Spaceflight 13:86-87- Mar '71

Some thoughts on national security issues in the decade ahead. (Address, National Security Seminar, Jackson, Miss, Jan 11, 1971) John C. Stennis. Persp in Def Mgt, pp 41-44, Autumn '71

Soviet strategy for the seventies. LtCol Donald L. Clark. illus AU Rev 22:2-18 Jan-Feb '71

Space giants (U.S. and USSR) face the future. H. T. Simmons. illus (Also cutaway) Interavia 26:824-828 Jul '71

The space program--a time of transition. DeMarquis D. Wyatt. Signal 25:10-14 Jul '71

The struggle for survival. Leo Cherne. Signal 25:6-11 Jan '71

TRI-TAC (TRI-department TACTical communications office): Its status and future. Louis A. deRosa. Signal 25:40-42 Jun '71

Technological forecasting: Approaches, techniques, and theory. CAPT James C. Van Pelt. Persp in Def Mgt, pp 47-56, Jan '71

Trends and future of telecommunications. Henri Busignies. Signal pt 1, 26:16-19 Nov '71; pt 2, 26:18-21 Dec '71

USAF's electronic future--open-ended. William Leavitt. illus AF Mag 54:37-41 Jul '71

View from the bridge--1980. CAPT Fred A. Hill III. illus US Nav Inst Proc 97:103-104 Sep '71

A view from the pasture. Col Edwin Sterling Leyland, Ret. NATO's Fifteen Nations 16:28-31 Aug-Sep '71

GCA see Ground-Controlled Approach

GAGARIN, Yuri A.

Vostok in orbit. Col Gherman Titov. illus Soviet Mil Rev No. 4:6-8 Apr '71

GAMBLING

Exchange, club payoffs probed. Bob Horowitz. AF Times 31:1+ Feb 24 '71

The law and you. AF Times. What divorce proceedings entail. 31:30 Jan 6 '71; Several methods finalize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose. 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

Rules on slot machines given in revised manual (AFM 176-3). AF Times 32:22 Aug 25 '71

Slots loss to up prices--overseas clubs hit hard. Tom Wuriu. AF Times 31:1+ Jun 9 '71

GAMES, THEORY OF

See also
War Games

GARLAND, William C.

Data for deterrence. MajGen William C. Garland. por Combat Crew 22:2+ Oct '71

GAS TURBINES

G.E. will build engines for Spruance DDs. ADM William M. Callaghan. illus Armed Forces J 108:17 Jan 18 '71

Gas turbine propulsion in warships. CAPT Donald I. Thomas, Ret. illus tab US Nav Inst Proc 97:101-103 Jun '71

10,000 KW gas turbine for Clark AB (Philippines). Harry A. Davis. illus AF Civil Engr 12:20-21 Feb '71

GASES

See also
Carbon Dioxide
Helium
Oxygen

Cortical evoked response and inert gas narcosis in man. Kenneth N. Ackles and Barry Fowler. illus tabs Aerosp Med 42:1181-1184 Nov '71

Urticaria following the sequential breathing of various inert gases at a constant ambient pressure of 7 ATA: A possible manifestation of gas-induced osmosis. G. Douglas Blenkarn and others. illus tabs Aerosp Med 42:141-146 Feb '71

GASES, ASPHYXIATING AND POISONOUS

See also
Carbon Monoxide

GASES IN WARFARE see Chemical-Biological Warfare

GAULLE, Charles de

A recollection of Gen de Gaulle. Air Commodore J. D. Boyle. por Royal United Svc Instn J 115:27 Dec '70

GENERAL ACCOUNTING OFFICE

GAO faults going afield in scientific research. AF Times 31:6 Feb 17 '71

GAO hits Navy DASH (Drone AntiSubmarine Helicopter) concurrency problems. Armed Forces J 108:10-11 Feb 1 '71

GAO report says defense profits less than on "comparable commercial work." James Hessman. tab Armed Forces J 108:20+ Apr 5 '71

Military medic use hit--misassignments alleged. AF Times 31:4 May 26 '71

Profit--policy changes coming up. Govt Exec 3:26-27 Apr '71

(Soviets now spending \$3 billion more than U.S. on military related R&D) LtGen Ira C. Eaker, Ret. AF Times 32:13 Sep 29 '71

GENERAL ELECTRIC CO

G.E. will build engines for Spruance DDs. ADM William M. Callaghan. illus Armed Forces J 108:17 Jan 18 '71

GENERAL OFFICERS

Air Force--U.S.

(BrigGen) Cross to retire, former LBJ pilot (and other general officer actions announced). AF Times 31:8 Apr 14 '71

Brofft named to head Pacific Exchange System--Vande Hey to retire (and other reassignments and retirements announced). AF Times 31:3 Mar 17 '71

Dual Go hike system confuses. Ed Gates. AF Times 32:13 Dec 15 '71

8 generals (and general selectees) getting new assignments. AF Times 31:54 May 5 '71

4 generals announce retirement (and others are reassigned). AF Times 32:5 Nov 24 '71

Four generals get new posts (and two retire). AF Times 32:2 Sep 15 '71

Gen Moorman (Ret) joins firm's board (and positions of other retired officers announced). AF Times 31:30 Mar 10 '71

General (Otis E.) Winn decorated at retirement ceremony. illus Translog 2:23-24 Aug '71

Generals get new jobs. AF Times 32:4 Nov 17 '71

Holzapple retires, (LtGenDavid C.) Jones gets USAFE, (and other star retirements and assignments announced). illus AF Times 32:4 Aug 18 '71

Kent to get 3d star: 7 (general) officers to move up. AF Times 32:2 Oct 27 '71

(LtGen Earl C.) Hedlund receives job with CENTO (and other star shifts announced, including changes at Air War College). AF Times 31:3 Jun 30 '71

(LtGen Joseph H.) Moore retires, (and other general officers) shifts on. Ed Gates. AF Times 31:17 Apr 14 '71

Nazzaro retires as PACAF chief (and Gen Lucius D. Clay, Jr will replace him). illus AF Times 31:21 Jul 28 '71

New AF generals less experienced. tabs Armed Forces J 108:14+ Jan 4 '71

New AF generals lists announced. tabs Armed Forces J 108:14+ Feb 1 '71

GENERAL OFFICERS - ContinuedAir Force - Cont'd

- New 839th AD commander is a veteran airlifter-- Gen (John H.) Herring replaces Gen (William A.) Dietrich. Tac Alft 1:5 Jul '71
- (Retiring BrigGen Robert A. Duffy to become vice president, Draper Laboratories, MIT) illus AF Times 31:34 Jul 14 '71
- Second star won by 35--5 advance soon. tabs AF Times 31:3 Feb 10 '71
- 7 due stars July 1 (and other promotion plans announced). George Foster. AF Times 31:1+ Jun 30 '71
- 10 generals on orders; two retire. AF Times 31:3 Jan 27 '71
- 3 will advance to b(rigadier) g(eneral) May 1 (and reassignments announced). AF Times 31:4 Apr 28 '71
- 20 generals named for new positions. AF Times 31:4 Jun 9 '71
- 23 generals due mandatory exits. Ed Gates. AF Times 31:1+ Mar 10 '71
- USAF, Germany honor (Gen Joseph R.) Holzapple at retirement. illus AF Times 32:50 Sep 22 '71
- Wells, strict IG retires in August (and promotions and reassignments announced). AF Times 31:8 Jul 28 '71
- 'Wimpy' Wilson to retire; other star shifts slated. AF Times 31:10 Jul 21 '71
- The young commanders--Gen Weyand is typical of the caliber of our combat leaders. illus Ordnance 55:422-423 Mar-Apr '71

Statistics

- Air Force promotions to drop sharply in FY 72. tabs Armed Forces J 108:11-12 Mar 1 '71

Armed Forces--U.S.

- Star status: Army, Navy, Air Force. Regular feature in issues of Armed Forces Journal

Statistics

- Stars vs supergrades: Who's ahead? Brooke Nihart. Armed Forces J 108:10 Aug '71

Army--Great Britain

- Slim, 1891-1970. Bernard Fergusson. Army Qtr 101: 268-272 Apr '71

Army--RussiaBiography

- Marshal (Kliment Yefremovich) Voroshilov. Marshal S. Budyonny. illus Soviet Mil Rev No. 2:44-46 Feb '71

Army--U.S.

- Are Army generals undergunned? Brooke Nihart illus Armed Forces J 109:44-45 Oct '71
- Army names 37 new major generals, 80 brigadier generals. tab Armed Forces J 108:18-19 Jun 7 '71
- Gen Davison to CinC USAREUR. illus Armor 80:62 May-Jun '71
- (Gen) Mark Clark and the war in Italy. LtCol Martin Blumenson and James L. Stokesbury. illus map Army 21:49-52 May '71

GENERAL OFFICERS - ContinuedArmy--U.S. - Cont'd

- General officer changes. Regular feature in News Call section of issues of Army
- MajGen Desobry to Fort Knox (Ky). illus Armor 80:62 May-Jun '71
- MajGen Irby to head VMI. Armor 80:63 May-Jun '71
- MajGen Smith to Fort Hood (Tex). Armor 80:62-63 May-Jun '71
- They had charisma: (Gens) Marshall, Bradley, Patton, Eisenhower; from the papers of LtGen Raymond S. McLain. LtCol Albert N. Garland, Ret. illus Army 21:26-31 May '71
- Why does this area (North Central Missouri) grow great generals? Col William G. Stewart. illus map Army 21:44-45 Jun '71

History

- How many stars for Pershing? Col Frederick Bernays Wiener. illus Army pt 1, 20:28-34 Dec '70; pt 2, Five is higher than six when fact and legend clash. 21:42-48 Jan '71

Marine Corps--U.S.

- Flag and general officers of the naval services; officers of flag rank of the U.S. Navy and U.S. Coast Guard and general officers of the U.S. Marine Corps on active duty as of 1 January 1971. Pors only. US Nav Inst Proc 97:299-332 May '71

- USMC names new generals. Armed Forces J 108:14 Aug '71

National Guard--Air Force--U.S.

- AF announces Reserve, ANG general officer promotions. Armed Forces J 108:18 May 3 '71

- Reserve, ANG stars approved. AF Times 31:21 Aug 4 '71

Reserve Forces--Air Force--U.S.

- AF announces Reserve, ANG general officer promotions. Armed Forces J 108:18 May 3 '71

- Reserve, ANG stars approved. AF Times 31:21 Aug 4 '71

- Star nominations scored--Reservists admonished. AF Times 32:8 Oct 6 '71

- Stars nominated for 15 (AF) Reservists. AF Times 31:4 Apr 28 '71

GENERAL PURPOSE FORCES

- General Purpose Forces down in size and buys. George Weiss. tabs Armed Forces J 108:34-35+ Feb 15 '71

- Reflections of the 60's. (Growth of tactical reconnaissance) Maj A.D. Pope. illus Tac Air Rec Dig 5: 32-36 Jun '71

GENERAL SERVICES ADMINISTRATION

- Clean cars--new way at GSA. Govt Exec 3:18 Jun '71

- GSA's (Robert) O'Mahoney: "Obviously, a lot of things just weren't done." illus Govt Exec 3:30 Aug '71

- Pricing practices. TIG Brief 23:3 Apr 23 '71

- Why GSA is building up the FTS (Federal Telecommunications System). C.W. Borklund. illus Govt Exec 3:57+ Jul '71

GENERATORS, ELECTRIC

Generator mystery brought to light. illus Approach 16:42-43 Jan '71

GENEVA CONVENTIONS

The Geneva Conventions. LtCol J.H. Olds. illus tab MarCor Gaz 55:34-38 Feb '71

Handling of prisoners of war. TIG Brief 23:20 Jan 29 '71

North Vietnam violates its own heritage--mistreatment of POWs. Charles W. Havens III. Armed Forces J 108:32-33 Jul 5 '71

POW kin seek help in Europe. AF Times 31:5 May 26 '71

POW treatment: Principles versus propaganda. John H. Chafee. illus US Nav Inst Proc 97:14-17 Jul '71

The plight of our POWs/MIAs. (Address, 28th Annual Convention of National Religious Broadcasters, Washington, Jan 26, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 3:23-27 Mar '71

GEODESY

Geodesy and the coastal zone. RADM Don A. Jones. illus map Mil Engr 63:183-185 May-Jun '71

The geodetic navigator. Maj Eugene R. Nelson. illus Navigator 18, No. 2:14-17 '71

GEOLOGY

Apollo 16 site selection. Space World H-11-95:44+ Nov '71

Chemism of lunar rock. (From speech, press conference, Moscow, Oct 28, 1970) Alexander Vinogradov. Space World H-6-90:19-20 Jun '71

International moon conference. (Conference on Lunar Exploration, Newcastle-Upon-Tyne, England, March 22-26, 1971) Peter Goodwin. illus Spaceflight 13:282-283 Aug '71

Luna 16 moon samples. illus Spaceflight 13:54-55 Feb '71

Lunar soil mechanics. Maj Stewart W. Johnson and W. David Carrier III. illus Mil Engr 63:324-328 Sep-Oct '71

Mission to Hadley-Apennine (landing site for Apollo 15). illus Spaceflight 13:45-46 Feb '71

Moon found serene despite monthly quakes. Spaceflight 13:458 Dec '71

Moon samples by automation. Kenneth W. Gatland. illus (Also cutaway) Spaceflight 13:2-5+ Jan '71

On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71

Preliminary examination of the Apollo 12 lunar samples. J.E. Davies. tab Spaceflight 13:24-29 Jan '71

Three days on the moon. illus map Interavia 26:1121-1123 Oct '71

While NORAD protects us, miners protect NORAD. AF Times 31:39 Jun 2 '71

GERM WARFARE see Chemical-Biological WarfareGERMANY

German reunification and European security. SqLdr B.R.L. Easton. illus Hawk No. 32:49-55 Feb '71

GERMANY (DEMOCRATIC REPUBLIC)

East German security. WgComdr Maharaj K. Chopra, Ret. illus Mil Rev 51:12-20 Oct '71

Foreign RelationsGermany (Federal Republic)

East German security. WgComdr Maharaj K. Chopra, Ret. illus Mil Rev 51:12-20 Oct '71

GERMANY (FEDERAL REPUBLIC)

The West German defence White Paper of 1970. Stuart Drummond. Army Qtr 101:158-162 Jan '71

Foreign RelationsRussia

Thoughts on the German-Soviet pact. Wilhelm Meyer-Detring. (Trans and condensed from a German publication) illus Mil Rev 51:46-51 Apr '71

History

The rearming of Germany 1950-1954: A linchpin in the political evolution of Europe. LCDR Benjamin M. Simpson III. illus Nav War Col Rev 23:76-90 May '71

Politics and Government

West Germany--our capable European ally. Howard G. Neuberg. illus Mil Rev 51:35-45 Apr '71

GIBRALTAR

Gibraltar: Monument to seapower. Jac Weller. illus US Nav Inst Proc 97:27-33 Oct '71

GIDEON, Francis C.

(Professional goals for military logisticians) (Address, Dayton, Ohio Chapter, Society of Logistics Engineers, Dec 30, 1970) LtGen Francis C. Gideon. por Log Spectrum 5:19-23 Spring '71

The quality of the environment. (Address, Kittyhawk Post, Society of American Military Engineers, Wright-Patterson AFB, Ohio, Feb 23, 1971) LtGen Francis C. Gideon. AF Plcy Ltr for Comdrs: Sup No. 4:17-22 Apr '71

GIFFORD, John P.

The Air National Guard at the (NGAUS) 93d General Conference (Honolulu, Hawaii, Sep 20-23, 1971). por Natl Guardsman 25:13-16 Nov '71

GILLEM, Alvan C., II

The Air University. por AF Mag 54:92-95 May '71

Aircraft 'too old' (says LtGen Alvan C.) Gillem. AF Times 32:19 Dec 15 '71

Hero (the late Col William A. Jones III) honored in dedication (of Air War College auditorium, Maxwell AFB, Ala). AF Times 31:38 Jun 23 '71

Solve woes, Gillem tells school NCOs. AF Times 31:34 Mar 10 '71

GINSBURGH, Robert N.

The changing role of the military profession. BrigGen Robert N. Ginsburgh and Capt Pember W. Rocap. illus AU Rev 22:2-13 Mar-Apr '71

Discipline and dissent. (Address, North Carolina State University, Raleigh, May 15, 1971) MajGen R.N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 8:16-21 Aug '71

The Office of Air Force History acquires new head. por Aerosp Hist 18:115 Sep '71

GINSBURGH, Robert N. - Continued

U.S. goals, priorities, and means. (Remarks, Air War College, Maxwell AFB, Ala, Aug 25, 1970) BrigGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 3:14-22 Mar '71

GLASSER, Otto J.

FY 1972 Defense RDT&E program: Air Force. LtGen Otto J. Glasser. por Def Ind Bul 7:12-16 Summer '71

GLEASON, Robert L.

Psychological operations and air power: Its hits and misses. Col Robert L. Gleason. illus AU Rev 22: 34-46 Mar-Apr '71

GLIDERS

Gliding experiments at the Naval Academy. CAPT Charles G. Halpine, Ret. US Nav Inst Proc 97: 78-81 Oct '71

GLIDING AND SOARING

Reflections on the 1970 World Gliding Championships (Marfa, Tex). SqLdr John Delafield. illus map tab Royal Air Forces Qtr 11:133-141 Summer '71

GNAUCK, Brian G.

Logistics education--an overview. LtCol Graham W. Rider, Maj Robert M. Canady and Capt Brian G. Gnauck. tabs Log Spectrum 5:12-15 Summer '71

GODDARD, Guy H.

The Directorate of Civil Engineering, Hq. U. S. Air Force. por Mil Engr 63:319-320 Sep-Oct '71

Massive housing program sought--Goddard tells lawmakers the problems. Ed Gates. AF Times 32:13 Sep 22 '71

GOLD, Morton J.

Government tort liability and the safety function in the Air Force Contract Management Division. BrigGen Morton J. Gold. por AF JAG L Rev 13:3-11 Winter '71

GOLDSWORTHY, Harry E.

Leadership--challenge and responsibility. (Remarks, ROTC Commissioning Ceremony, Washington State University, Pullman, June 6, 1971) LtGen Harry E. Goldsworthy. AF Plcy Ltr for Comdrs: Sup No. 8:4-10 Aug '71

GOLDWATER, Barry M.

Goldwater sees peril in Defense fund cuts. AF Times 31:13 Feb 3 '71

GOODPASTER, Andrew J., Jr

The defence of Europe. Gen A.J. Goodpaster. por Royal United Svc Instn J 116:31-41 Mar '71

In the service of peace. Gen A.J. Goodpaster. por NATO's Fifteen Nations 16:16-22 Apr-May '71

GOODWILL FLIGHTS see Aerospace Power--Peaceful ApplicationsGOSSICK, Lee V.

Management of system acquisition programs in the Air Force. MajGen Lee V. Gossick. por Def Ind Bul 7:23-29 Summer '71

GOULD, Gordon T., Jr

Computers and communications in the information age. MajGen Gordon T. Gould, Jr. illus Signal 25: 6-14 Feb '71

GOULD, Gordon T., Jr - Continued

Military communications--harbinger of the future. MajGen Gordon T. Gould, Jr. Signal 25:32-34 Jan '71

Signal interviews the military communicators. RADM Francis J. Fitzpatrick and MajGens Gordon T. Gould, Jr and George E. Pickett. illus Signal 25: 80-82+ Jun '71

2 generals retiring; Gould to move up (and other re-assignments announced). AF Times 31:5 May 26 '71

GOVERNMENT EMPLOYEES see Civilian Employees

GOVERNMENT OWNERSHIPSee also

Property, Government

Amtrak: A chance for survival. SP5 Ronald J. Deltmer and Tom Hook. illus map Translog 2:4-6 May '71

Amtrak's launching raises some serious questions--philosophical and otherwise. illus Govt Exec 3:44 Jun '71

GRADES see Rank

GRADING see Tests and Measurements

GRANT, Charles H.

Charles Hampson Grant: Early bird--model builder--inventor--journalist--youth builder. Willis L. Nye. por Am Avn Hist Soc J 16:204-211 Fall '71

GRAVITY

Heart rate response to square wave breathing: One G compared to zero G. Philip C. Richardson and others. illus tabs Aerosp Med 42:971-974 Sep '71

New industrial revolution in space. David Dooling, Jr. illus (Also cutaway) Spaceflight 13:449-453 Dec '71

Perpetual motor of the universe. Stanislav Khabarov. Space World H-8-92:38-39 Aug '71

GREAT BRITAINEconomic Conditions

Letter from London: Britain gets more but pays less. illus NATO's Fifteen Nations 16:12-16 Feb-Mar '71

Foreign Economic Relations

Britain--Common Market entry. illus Govt Exec 3: 42-43 Oct '71

Foreign Policy

British Defence policy. Lord Carrington. illus Royal United Svc Instn J 115:2-10 Dec '70

British defense estimates for 1971-72 issued. John Marriott. Armed Forces J 108:18 Mar 15 '71

Defence policy--the Air League view mid 1970. Royal Air Forces Qtr 11:33-36 Spring '71

Letter from London: Who now rules the waves? illus map NATO's Fifteen Nations 16:12-15+ Oct-Nov '71

The official opposition view of British defence policy. George M. Thomson. illus Royal United Svcs Inst for Def Studies J 116:16-21 Jun '71

"Soviet military strength is enormous and growing steadily." (Interview with Britain's Lord Carrington) illus Govt Exec 3:49-51 Dec '71

GREAT BRITAIN - ContinuedForeign Relations

Britain and a European security conference. D. C. Watt. illus Royal United Svcs Inst for Def Studies J 116:35-38 Jun '71

Africa, South

Arms sales to South Africa--would a NATO ASW presence at the Cape be more acceptable, more effective? John Marriott. illus Armed Forces J 108:38-39 May 17 '71

Asia, Southeastern

The Far East Air Force. AVM N. M. Maynard. illus Royal Air Forces Qtr 11:7-14 Spring '71

Libya

British arms for Libya? John Marriott. Armed Forces J 108:21 May 3 '71

Malta

Malta and NATO. John Marriott. Armed Forces J 108:19 Aug '71

NATO

Letter from London: Britain gets more but pays less. illus NATO's Fifteen Nations 16:12-16 Feb-Mar '71

United States

Britain and the Skybolt affair. James A. Dewar. illus Aerosp Hist 18:129-134 S p '71

GREENE, William M. A.

Navy organizes recruiting command. Armed Forces J 108:18 May 3 '71

GREENLIEF, Frances S.

The Air National Guard at the (NGAUS) 93d General Conference (Honolulu, Hawaii, Sep 20-23, 1971). por Natl Guardsman 25:13-16 Nov '71

GRIBBLE, William C., Jr

Mine warfare problems. LtGen W. C. Gribble, Jr. illus Ordnance 56:151 Sep-Oct '71

GRIEVANCE PROCEDURES

Appeal and grievance procedures. TIG Brief 23:4 Oct 22 '71

IG assistants hear gripes. AF Times 32:17 Dec 29 '71

The inspector general complaint system. TIG Brief 23:7-8 May 7 '71

Presenting and acting upon complaints. TIG Brief 23:7 Sep 10 '71

13th AF junior officers cite 'irritants' at meeting. AF Times 32:52 Dec 8 '71

The USAF complaint system. TIG Brief 23:1 Feb 12 '71

GRIFFITH, Perry B.

Keep the military tough. MajGen Perry Bruce Griffith, Ret. illus MarCor Gaz 55:50-52 Jul '71

GROSS NATIONAL PRODUCT

Comparative defence expenditures, gross national product and manpower figures, 1951-1970. London's Institute for Strategic Studies. Tables only. Aerosp Intl 7:101 Dec '71; AF Mag 54:101 Dec '71

GROSS NATIONAL PRODUCT - Continued

Defence expenditures and national economies. London's Institute for Strategic Studies. Tables only. Aerosp Intl 7:101 Dec '71; AF Mag 54:101 Dec '71

Economic principles and defence. (Lecture, NATO Defense College, Nov 1970) Peter M. Oppenheimer. illus NATO's Fifteen Nations 16:16-20 Jun-Jul '71

GROUND-CONTROLLED APPROACH

AN/TPN-18: Ground controlled approach radar. illus Signal 26:26-27 Dec '71

Hearing but not listening? illus Aerosp Safety 27:8-9 Jan '71

Is there a need for precision approach radar? tabs Interavia 26:264-266 Mar '71

GROUND CREWS

Discipline. (The experience level within the B-52 and KC-135 crew force considerably less than SAC has had in past years) Col Wm. P. Armstrong. illus Combat Crew 22:19-21 Dec '71

Easy-to-follow mechanic manuals tested. AF Times 32:21 Sep 22 '71

They rise and fly again. (The RAM (Rapid Area Maintenance) teams in action) Capt Larry M. Schoenhals. illus Aerosp Safety 27:10-12 Oct '71

GROUND EFFECT MACHINES see Air Cushion Vehicles

GROUND SAFETYSee also

Seat Belts

Explosives safety. Regular feature in some issues of Aerospace Safety

A fresh look at buses. Col Joe O. Bellino. illus Translog 2:5-6 Jun '71

Ground safety programs--only the best are acceptable. TIG Brief 23:18 Apr 9 '71

Ground taxi. CW3 Arel E. Childress. illus USA Avn Dig 17:42-43 May '71

Industrial safety malpractices. TIG Brief 23:20 Mar 12 '71

New directions in highway safety (traffic signs). Michel R. Scott. illus Translog 2:8 Nov '71

Sign bored? Not with these! Tom Dodds. illus Translog 2:5-6 Apr '71

GROUND SUPPORT see Close Air Support

GROUND-SUPPORT EQUIPMENTSee also

Airplanes--Ground-Support Equipment
Airplanes, Military--Ground-Support Equipment
Missiles--Ground-Support Equipment
Space Vehicles--Ground-Support Equipment

Maintenance and Repair

AGE (Aerospace Ground Equipment) inspections. TIG Brief 23:2 Nov 19 '71

AGE--repair or replace it? Frank C. Espiritu. illus Aerosp Safety 27:26-27 Apr '71

GRUENTHER, Alfred M.

A pictorial salute to former SACEURs. NATO's Fifteen Nations 16:26-29 Apr-May '71

GRUSSENDORF, Richard A.

The Office of Air Force History. por Aerosp Hist
18:2 Mar '71

GUBSER, Charles S.

Annuity plan shaped--costs cut, benefits risc in Pike-
Gubser proposal. Bob Horowitz. AF Times 32:1+
Aug 18 '71

The new annuity plan (Pike-Gubser Survivor Benefits
Bill): Coverage up, cost down. Bob Schweitz. tab
AF Times 31:44 Jun 16 '71

GUERRILLA WARFARE

Antiguerrilla armament. CDR D. P. Kirchner. illus
Ordnance 56:127-130 Sep-Oct '71

Counter insurgency--the problem of prisoners. Simon
Hutchinson. Royal United Svcs Inst for Def Studies
J 116:48-51 Sep '71

Guevara: Lessons from a loser. 2dLt T. Kevin
Griffin. illus MarCor Gaz 55:13 Jan '71

The urban guerrilla. Enrique Martinez Codo. illus
Mil Rev 51:3-10 Aug '71

Urban guerrilla warfare: Scenarios for the 1970's.
Walter Darnell Jacobs. illus NATO's Fifteen
Nations 16:62-68 Aug-Sep '71

Africa, Southern

Guerilla warfare in Southern Africa. A. J. Venter.
illus tab map Intl Def Rev 3:407-410 Dec '70

Europe

The Bertrand Stewart Prize Essay, 1970. (Concept
of European operations for the 1980 period) Lt
J. C. B. Sutherell. illus Army Qtr 101:163-177
Jan '71

India

Nagaland: An unending guerrilla war. Maj Melvin
E. Kriesel, Jr. illus map Mil Rev 51:80-87
Dec '71

Ireland

Ireland and then? John Biggs-Davison. illus NATO's
Fifteen Nations 16:70-74 Aug-Sep '71

Jordan

Civil war in Jordan. Maj Edgar O'Ballance. illus map
MarCor Gaz 55:23-26 Mar '71

Jordanian civil war. Neville Brown. illus map Mil
Rev 51:38-48 Sep '71

Latin America

Urban insurgency in Latin America--its implications
for the future. Charles A. Russell and Maj Robert
E. Hildner. illus AU Rev 22:54-64 Sep-Oct '71

Middle East

Jordanian civil war. Neville Brown. illus map Mil
Rev 51:38-48 Sep '71

Vietnam (Republic)

Antiguerrilla armament. CDR D. P. Kirchner. illus
Ordnance 56:127-130 Sep-Oct '71

Follow 'em down--unit fragmentation. Capt Dennis D.
Collins. illus Infantry 61:44-49 Sep-Oct '71

Guerrilla battalion, U. S. style. Col David H. Hack-
worth. illus Infantry 61:22-28 Jan-Feb '71

GUEVARA, Ernesto

Guevara: Lessons from a loser. 2dLt T. Kevin
Griffin. illus MarCor Gaz 55:13 Jan '71

GUIDED MISSILES see MissilesGUNBOATS see WarshipsGUNNERY

Range 80--you need more than a good memory to
pass. Col Vincent P. Gannon. illus tab Armor
80:8-12 Mar-Apr '71

Tank crew training with Simfire (tank gunnery train-
er). LtCol J. O. G. Paton, Ret. illus Intl Def Rev
4:442-444 Oct '71

GUNNERY, AERIALSee also

Fighter Weapons and Gunnery Meets

Enlisted fliers tell of combat--'Palace Gun' program.
AF Times 31:20 Mar 17 '71

Study and Teaching

F-4 film assessing. FltLt Trevor Richardson and
Capt Bill Ross. illus USAF Ftr Wpns Rev No. 3:18-
32 Fall '71

Indoor sight range simulator. Capt Thomas C. Utts.
illus USAF Ftr Wpns Rev No. 3:14-17 Fall '71

An integrated squadron weapons program. Capt James
C. Posgate. illus USAF Ftr Wpns Rev No. 2:4-9
Summer '71

GUNSSee also

Machine Guns

Air attack threat to field forces greatest since 1942?
Brooke Nihart. illus Armed Forces J 108:36-39
Aug '71

Army moves out on new armored vehicles, gun.
Brooke Nihart. illus Armed Forces J 108:34-35
May 3 '71

Attention mechanized infantrymen: This is your gun
(Vehicle Rapid Fire Weapon System Successor
(VRFWS-S)). Maj Robert W. DeMont. illus Armor
80:14-17 Nov-Dec '71

Cannon comments. LtCol Rezk M. Mohamed. illus
tab USAF Ftr Wpns NL pt 1, No. 3:1-4 Sep '70;
pt 2, No. 4:1-9 Winter '70

The French 20 mm M621 automatic cannon. illus
tabs Intl Def Rev 4:271-273 Jun '71

Gun or guided weapon? LtCol J. S. Weeks. illus
Ordnance 55:552-555 May-Jun '71

Gun systems? For air defense? LCDR William D.
O'Neil III, Ret. illus (Also cutaway) tab US Nav
Inst Proc 97:44-55 Mar '71

A light field mounting for ground combat and AA
defense. illus tab Intl Def Rev 4:178 Apr '71

Revolution in tank armament. Martin J. Miller, Jr
and Konrad F. Schreier, Jr. illus tab Army 21:
49-53 Mar '71

To strike unseen. Fraser Scott. illus Royal United
Svcs Inst for Def Studies J 116:30-35 Jun '71

GUNSHIPS

Airmobile forces in Europe. Gen H. Maeder, Ret.
illus Intl Def Rev 3:160-161 Jun '70

GUNSHIPS - ContinuedUnited States

AC-130 gunships destroy trucks and cargo. George Weiss. illus Armed Forces J 109:18-19 Sep '71

The armed helicopter story. LtCol Charles O. Griminger. illus USA Avn Dig pt 1, The origins. 17:14-17 Jul '71; pt 2, Vanderpool's Fools. 17:14-19 Aug '71; pt 3, Armed helicopters around the world. 17:10-13+ Sep '71; pt 4 (Weapons systems, early experiment) 17:18-25 Oct '71; pt 5, Formal development (models XM-1 thru XM-50). 17:17-24 Nov '71; pt 6, XM-51 thru 6AU-2B/A. 17:22-24 Dec '71

Army reports helicopter success in Laos, Air Force skeptical. Brooke Nihart. Armed Forces J 108:24+ Apr 5 '71

Battle for control of Ho Chi Minh trail. George Weiss and others. illus Armed Forces J 108:18-22 Feb 15 '71

Bell offers Kingcobra gunship. illus Army 21:61 Nov '71

Bell shows Kingcobra. illus Armed Forces J 109:22+ Oct '71

Bell to offer growth Cobra gunship. illus Armed Forces J 108:19-20 Jul 19 '71

CO 2/17 AirCav: 'Gunships took tanks, survived flak' in Laos. George Weiss. illus Armed Forces J 108:22-23+ Apr 19 '71

GUNSHIPS - ContinuedUnited States - Cont'd

Call in the gunships. LtCol John B. Fitch. illus Army Dig 26:32-35 Apr '71

Helicopter or fixed wing? Both! Col Noah C. New. illus MarCor Gaz 55:25-30 May '71

The heli-tactic gap. Col Howard I. Lukens. illus Army 21:43-46 Aug '71

Shadow--AC-119 gunships in Southeast Asia. SSgt Robert J. Lessels, Jr. illus AF Mag 54:38-40 Nov '71

Sikorsky promises savings (on new helicopter gunship S-67). Govt Exec 3:18-19 Jan '71

TOW on Cobra is go again. Armed Forces J 108:16 Mar 15 '71

Twelve cardinal rules (of gunship tactics). illus USA Avn Dig 17:6-7 Dec '71

We armed the helicopter. Col Jay D. Vanderpool, Ret. illus USA Avn Dig 17:2-6+ Jun '71

Testing

Congress sees Cheyenne gunship in action at Yuma test ground. Armed Forces J 108:17 Feb 15 '71

GUNSIGHTS see Fire Control Equipment

H

HAINES, Ralph E., Jr

CONARC commander examines Reserves and challenges future holds for them. (Excerpts from address, Army Luncheon, ROA National Convention, San Diego, Calif, June 17-19, 1971)
Gen Ralph E. Haines, Jr. Officer 47:20+ Aug '71

CONARC is pace-setter for Army in transition. Gen Ralph E. Haines, Jr. por Army 21:33-39 Oct '71

HALSEY, William F.

The Halsey-Doolittle Tokyo raid. John Sherman Critchfield. por Sea Power 14:25-29 Dec '71

HAMPTON, Robert E.

Civil Service Commission's Hampton aims at achieving agency "responsiveness." Samuel Stafford. por Govt Exec 3:25-27+ Feb '71

HANDICAPPED

Army Aviation and the lower extremity amputee. Robert L. Reid and George I. Baker. tab Aerosp Med 42:667-669 Jun '71

Bill aids handicapped war orphans. AF Times 31:24 May 19 '71

CHAMPUS seen as 'too liberal.' AF Times 31:3 May 5 '71

CHAMPUS widens cost-saving plan. AF Times 31:6 Jun 23 '71

Handicapped vets face two obstacles (a college education and finding employment). AF Times 31:17 Jan 6 '71

Hiring the handicapped is just plain good business. Lawrence A. Hyland. illus Def Mgt J 7:15-18 Spring '71

Now learn this. (School for Acoustically Impaired Children, Fitzsimons General Hospital, Denver) SSgt Rufus Williams. illus Soldiers 26:56-57 Jun '71

Wider handicapped aid asked (to cover) kin of deceased and retirees. AF Times 31:6 Mar 31 '71

HANDLING OF MATERIALS see Materials HandlingHARBORS

Advances in marine science and technology: Defense aspects. J. Tunstead. illus tabs Royal United Svcs Inst for Def Studies J 116:13-22 Sep '71

A common European seaport policy. F. Strauss. illus Def Trans J 27:48-55 Sep-Oct '71

Containers and contingencies. Claude O. Lanciano, Jr. illus US Nav Inst Proc 97:26-32 Sep '71

Harbor drift disposal. Patrick A. DeScenza. illus Mil Engr 63:30-33 Jan-Feb '71

The other ports. illus Translog 2:16-19 Sep '71;
South Atlantic output. 2:15-16 Oct '71

The Port of London Authority. Pictorial. LCDR Robert D. Wells. US Nav Inst Proc 97:64-77 Sep '71

Port of Oakland--review for the future. Ben E. Nutter. illus Def Trans J 27:52-53 Mar-Apr '71

Revolution in shipping: Trends in cargo transportation (Port of Los Angeles). Bernard J. Caughlin. illus Def Trans J 27:48-51 Mar-Apr '71

HARBORS - ContinuedHistory

Hellgate's infamous past. Claude Rust. illus maps Mil Engr pt 1, Fight against "endless obstructions." 63:336-341 Sep-Oct '71; pt 2. General Newton and conquest. 63:410-414 Nov-Dec '71

HARLFINGER, Frederick J., II

'Biggest shop in the Navy (Office of Command Support Programs)'--(VADM) Harlfinger in profile. Robert J. Boylan. por Sea Power 14:33-34 Dec '71

HARLOW, Donald L.

Heavy schedule set up for Harlow's successor (as CMSAF, CMSgt Richard D. Kisling). illus AF Times 32:21 Aug 25 '71

HARNISH, William M.

New comptrollers (BrigGen Charles S. Robertson, RADMs Edward D. Scheiderer and William M. Harnish, and LtGen John M. Wright, Jr). por Armed Forces Compt 15:16-17 Fall '70

HARRIS, Herman L.

AFIT aide (BrigGen Stanley J. Czyzak) retires (as does mobilization assistant to AU commander). AF Times 31:30 Mar 10 '71

HART, Gerald A.

New national president 25 years in Reserves. Michigan businessman; other officers listed. por Officer 47:15 Aug '71

ROA told of anti-military perils (at National Convention, San Diego, Calif, June 17-19, 1971, by Minute-Man Award winner ADM Charles K. Duncan, and BrigGen Gerald A. Hart elected ROA president). por AF Times 31:17 Jul 7 '71

HARTY, Harry L., Jr

Fundamental changes in the Navy. Interview. RADM Harry L. Harty, Jr. por Govt Exec 3:39+ Aug '71

HAUGEN, Victor R.

AFLC looks to the 1970's. MajGen Victor R. Haugen, Ret. illus Ordnance 55:548-551 May-Jun '71

HAUGHTON, Daniel J.

Lockheed's Haughton on the record. Interview. por Interavia 26:1382-1385 Dec '71

HAWAII

They live with fire and brimstone (Kilauea Military Camp). Ted R. Sturm. illus Airman 15:9-11 Jul '71

Where deuces are high (Hawaii Air National Guard). Ted R. Sturm. illus Airman 15:44-47 Nov '71

HAYES, John D.

The influence of modern sea power, 1945-1970. RADM John D. Hayes, Ret. illus map US Nav Inst Proc 97:274-284 May '71

Stephen B. Luce and the beginnings of the U.S. Naval War College. RADM John D. Hayes, Ret. por Nav War Col Rev 23:51-59 Jan '71

Washington and the sea. RADM John D. Hayes, Ret. illus map Mil Rev 51:60-66 Jul '71

HAZARDOUS DUTY PAY see Incentive Pay

HEADQUARTERS AIR FORCE RESERVE

AFRES comptrollership--the same, only different. Col Oscar E. Schlamersdorf. illus AF Compt 5: 11-12 Mar '71

Headquarters Air Force Reserve. illus chart AF Mag 54:123-125 May '71

HEADQUARTERS COMMAND--AIR FORCE

Headquarters Command, USAF. illus AF Mag 54: 107-109 May '71

HEALTH AND HYGIENESee also

Diseases
Mental Health
Nutrition
Physical Fitness

Cigarette control pushed. AF Times 32:1+ Nov 17 '71

Dr Rousselot quits Defense health post. AF Times 31:3 Jul 7 '71

Epidemiological aspects of airport medicine. J. G. Constantino. Aerosp Med 42:456-460 Apr '71

It's that time of year again. (Respiratory disease season) LtCol Phillip E. Winter. illus Army Dig 26:48-49 Jan '71

Physicians' assistants: Can they augment the Navy medical service? (Research paper, College of Naval Warfare, 1971) CAPT Mario A. Vasquez. illus Nav War Col Rev 24:44-58 Oct '71

Seminars on 'sexuality' offered to young WAF. AF Times 31:6 Apr 7 '71

HEARINGSee also

Ears

Effect of earplugs on passenger speech reception in rotary-wing aircraft. C. E. Williams and others. illus tabs Aerosp Med 42:750-752 Jul '71

Noise: A hazard to divers and hyperbaric chamber personnel. J. K. Summitt and S. D. Reimers. illus tabs Aerosp Med 42:1173-1177 Nov '71

Now learn this. (School for Acoustically Impaired Children, Fitzsimons General Hospital, Denver) SSgt Rufus Williams. illus Soldiers 26:56-57 Jun '71

Ten danger signs of a hearing loss. illus Aerosp Safety 27:12 Aug '71

HEARN, Joseph E.

Labor-management relations in the Air Force. Col Joseph E. Hearn. illus AU Rev 22:27-33 Jan-Feb '71

HEART

Case report of death due to cardiac arrest or arrhythmia secondary to coronary arteriosclerosis in a 24 year-old aviator. John R. Anderson. Aerosp Med 42:1113-1115 Oct '71

Chin-sternum-heart syndrome: Cardiac injury associated with parachuting mishaps. Laurence R. Simson, Jr. illus Aerosp Med 42:1214-1217 Nov '71

Comparison of the effects of 70° tilt and several levels of lower body negative pressure on heart rate and blood pressure in man. F. Story Musgrave and others. illus tab Aerosp Med 42:1065-1069 Oct '71

HEART - Continued

Heart rate and respiration rate response to parachuting: Physiological studies of military parachutists via FM/FM telemetry--II. Donald H. Reid and others. illus tabs Aerosp Med 42:1200-1207 Nov '71

Heart rate response to square wave breathing: One G compared to zero G. Philip C. Richardson and others. illus tabs Aerosp Med 42:971-974 Sep '71

Myocardial serum enzymes in controlled impact and in accidental automotive impact. Irving I. Lasky and others. tabs illus (Also cutaway) Aerosp Med 42:713-722 Jul '71

Preventive maintenance medicine. LtCol L. J. Enders. illus Interceptor 13:5-7 Feb '71

Reflections after the fact--a grounded pilot talks about his heart attack. MAC Flyer 18:24-25 Aug '71

Systolic prolapse of the mitral valve: Possible aeromedical significance. William D. Towne and others. illus Aerosp Med 42:341-344 Mar '71

Vascular and extravascular fluid changes during six days of bedrest. Philip C. Johnson and others. tabs Aerosp Med 42:875-878 Aug '71

HEATSee also

Temperature

Effect of body cooling on vigilance in hot environments. Dan Benor and Esar Shvartz. illus tabs Aerosp Med 42:727-730 Jul '71

Effects of combined heat, noise and vibration stress on human performance and physiological functions. W. F. Grether and others. illus tabs Aerosp Med 42:1092-1097 Oct '71

Heat acclimatization by the prevention of evaporative cooling. E. Shvartz and D. Benor. illus tabs Aerosp Med 42:879-881 Aug '71

The heat of things. illus tabs MAC Flyer 18:4-8 May '71

Hot weather survival. George D. Banky. illus Approach 16:32-34 Jun '71

Physiological responses to cooling the head and neck versus the trunk and leg areas in severe hyperthermic exposure. Abbott T. Kissen and others. illus tabs Aerosp Med 42:882-888 Aug '71

Use of skin temperature to predict tolerance to thermal environments. P. F. Iampietro. illus tabs Aerosp Med 42:396-399 Apr '71

HEATH, Edward R. G.

Letter from London: Britain suddenly alert to growing Soviet threat. illus NATO's Fifteen Nations 16: 12-14 Jun-Jul '71

HEBERT, F. Edward

Achilles heel: The obsolescent Navy. Interview. F. Edward Hébert. por Govt Exec 3:30-31+ Mar '71

Congressman Rivers dies; Successor to "continue the march." por Natl Guardsman 25:21+ Feb '71

Dollars or defense? Interview. F. Edward Hébert. por Natl Guardsman 25:2-7 Jun '71

HASC panel urges early hearings on draft reform. tabs Armed Forces J 108:12-13 Jan 18 '71

HÉBERT, F. Edward - Continued

- The hawk who wants peace--like a dove. Interview. F. Edward Hébert. por AF Mag 54:45-48 Mar '71
- Hébert names HASC subcommittees. Armed Forces J 109:10-11 Sep '71
- Hébert upsets troops on morale. AF Times 31:1+ Feb 3 '71
- House panel approves health manpower bill. Armed Forces J 109:14-15 Nov '71
- 'Loudest of the hawks' takes over from Rivers. por AF Times 31:11 Feb 3 '71
- Major AFA award (Schilling Trophy) earned Apollo 15 (crew, Dr John S. Foster to receive H.H. Arnold Trophy, and Rep F. Edward Hébert to receive Vandenberg Trophy). AF Times 32:19 Sep 15 '71
- Non-lawyer makes good. James D. Hessman. por Armed Forces J 108:10 Feb 1 '71
- President names recomputation committee; Rep Hébert cites previous steps in letter to ROA. Officer 47:24-25 May '71
- Recomputation: A campaign promise becomes a political liability. Bernadine M. Kopec. illus Armed Forces J 108:36-38 Mar 15 '71

HEDLUND, Earl C.

- Keynote speech, Fifth Annual Convention (Society of Logistics Engineers, Dallas, Aug 26-28, 1970). LtGen Earl C. Hedlund. por Log Spectrum 4:1-8+ Winter '70
- (LtGen Earl C.) Hedlund receives job with CENTO (and other star shifts announced, including changes at Air War College). AF Times 31:3 Jun 30 '71
- A logistics challenge: Reduce distribution costs. LtGen Earl C. Hedlund. por Def Ind Bul 7:42-44 Spring '71
- Supplies for the Services. Interview. LtGen Earl C. Hedlund. illus Ordnance 55:532-535 May-Jun '71

HEIMSTRA, Fred A.

- (BrigGens) Heimstra, Wilkins, receive assignments (and promotions and other reassignments announced). por Aerosp Med 42:592 May '71

HEISER, Joseph M., Jr

- Answer to a challenge (logistics offensive progress report). LtGen Joseph M. Heiser, Jr and LtCol Albert F. Boll. illus Army Log 3:4-7+ Jan-Feb '71
- Logisticians face formidable tasks during drawdown. LtGen Joseph M. Heiser, Jr. por Army 21:86-90 Oct '71

HEKHUIS, Gerrit L.

- Air Force medical officer promoted. por Aerosp Med 42:374 Mar '71

HELICOPTER INDUSTRY AND TRADE

- The world of the helicopter--versatility unlimited. Jean Ross Howard. illus Aerosp Intl 7:6-10+ Mar-Apr '71

History

- Igor I. Silorsky: Prime mover in the history of aviation. illus Aerosp Hist 18:148-150 Sep '71

HELICOPTER INDUSTRY AND TRADE - ContinuedEurope, Western

- Enter the Puma--first Anglo-French collaborative aircraft for the RAF. J. D. R. Rawlings. illus Air Pict 33:206-207 Jun '71
- Europe's helicopter industry--catching up. Stefan Geisenheyner. illus Aerosp Intl 7:14-15+ Mar-Apr '71
- Lynx--the third Anglo-French helicopter. illus Interavia 26:171 Feb '71

Great Britain

- British helicopter industry. Stefan Geisenheyner. illus AF Mag 54:182-184 May '71
- Whatever happened to the MLH (Medium Lift Helicopter)? Elfan ap Rees. illus tab Air Pict 33:400-402 Nov '71

Italy

- Agusta's wide range of helicopters. D. L. Stevenson. illus tab Interavia 26:816-818 Jul '71

United States

- Bell offers Kingcobra gunship. illus Army 21:61 Nov '71
- Bell shows Kingcobra. illus Armed Forces J 109:22+ Oct '71

HELICOPTER TYPE

- Only U.S. military helicopters are entered under type as given by the latest issue of the Department of Defense Model Designation of Military Aircraft, Rockets & Guided Missiles. For helicopters of other countries see entries under specific categories, e.g., Helicopters, Military--Germany (Federal Republic).

AH-1

- Army reports helicopter success in Laos, Air Force skeptical. Brooke Nihart. Armed Forces J 108:24+ Apr 5 '71
- Army reverses decision to buy TOW-equipped Cobra gunships. Armed Forces J 108:16-17 Feb 15 '71
- Bell offers Kingcobra gunship. illus Army 21:61 Nov '71
- Bell shows Kingcobra. illus Armed Forces J 109:22+ Oct '71
- Bell to offer growth Cobra gunship. illus Armed Forces J 108:19-20 Jul 19 '71

- SMASH (Southeast Asia Multi-sensor Armament System for Hueycobra) is a new day/night fire control system. illus Signal 25:57 Feb '71

- Systems engineering in Army Aviation. Truxtun R. Baldwin. illus chart Army Log 3:8-11+ Nov-Dec '71

- TOW on Cobra is go again. Armed Forces J 108:16 Mar 15 '71

AH-56

- The Army Cheyenne--designed to survive. Col Robert J. Dillard. illus tab USA Avn Dig 17:2-7 May '71

- Army reports helicopter success in Laos, Air Force skeptical. Brooke Nihart. Armed Forces J 108:24+ Apr 5 '71

HELICOPTER TYPE - ContinuedAH-56 - Cont'd

Army reverses decision to buy TOW-equipped Cobra gunships. Armed Forces J 108:16-17 Feb 15 '71

Bum dope ("Report on Close Air Support Aircraft: The A-X, Harrier, and Cheyenne") and a stacked deck on close air support. Benjamin F. Schemmer. Armed Forces J 109:39-40 Oct '71

Call in the gunships. LtCol John B. Fitch. illus Army Dig 26:32-35 Apr '71

Close air support for the U.S. Armed Forces. illus Intl Def Rev 4:433 Oct '71

Congress sees Cheyenne gunship in action at Yuma test ground. Armed Forces J 108:17 Feb 15 '71

Each U.S. Service has its own views on close air support. illus Interavia 26:1034 Sep '71

Packard personally heads new group to resolve inter-Service close support. Benjamin F. Schemmer. Armed Forces J 108:19 Mar 15 '71

Systems engineering in Army Aviation. Truxtun R. Baldwin. illus chart Army Log 3:8-11+ Nov-Dec '71

Up from the ground or down from the sky? Cheyenne vs AX. Eric C. Ludvigsen. illus Army 21:49-51 Jul '71

CH-46

Army okays UTTAS (Utility Tactical Transport Aircraft System) as Huey replacement--Marines interested as CH-46 production ends. Armed Forces J 108:15-16 Feb 15 '71

DOD readies Huey helicopter replacement (UTTAS: Utility Tactical Transport Aircraft System). tab Armed Forces J 108:21 Jun 7 '71

CH-47

Call out the helibuckets. SP5 Irwin Polls. illus Soldiers 26:27 Sep '71

Crew error. illus tab USA Avn Dig 17:57-59 May '71

The model 347 helicopter--a pilot's view. Frank H. Duke. tabs illus (Also cutaway) USA Avn Dig 17:10-13+ Oct '71

Rapid refueling the CH-47. CW2 Marvin T. Hesket. illus USA Avn Dig 17:32-35 Mar '71

CH-53

DepSecDef defends HLH award. Armed Forces J 108:22 Jun 21 '71

Cayuse

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Cheyenne

See AH-56

Chinook

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H-3

Suddenly it's winter--helicopter in the cold. Aerosp Safety 27:12-13 Dec '71

Hueycobra

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Kiowa

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Nighthawk

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OH-6

Hughes quiets OH-6. illus Armed Forces J 108:16 Apr 19 '71

180 degrees downwind. illus USA Avn Dig 17:54-56 Jul '71

OH-23

The "Raven" flies from (Fort) Wolters (Tex) nevermore. Frances Marquess. illus USA Avn Dig 17:12-13 Nov '71

OH-58

OH-58 Kiowa power margin. Dan Tisdale, Jr. illus USA Avn Dig 17:9-11 Jun '71

Raven

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Sea King

See H-3

Sea Knight

See CH-46

Seasprite

See UH-2

Seastallion

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UH-1

Accidents are stupid. Col Kenneth D. Mertel. illus USA Avn Dig 17:2-5 Feb '71

Army okays UTTAS (Utility Tactical Transport Aircraft System) as Huey replacement--Marines interested as CH-46 production ends. Armed Forces J 108:15-16 Feb 15 '71

Be a hover lover. Maj Dale L. Eppinger. illus Combat Crew 22:4-7 Jan '71

DOD readies Huey helicopter replacement (UTTAS: Utility Tactical Transport Aircraft System). tab Armed Forces J 108:21 Jun 7 '71

Mission: Flatiron. WO1 Michael D. Sheley. illus USA Avn Dig 17:10-13 Aug '71

Rotor blade radar (HELMS (HELicopter Multifunction System)) for helicopter. illus Armed Forces J 108:23 Jul 5 '71

Tiger Surprise (lightship). SP5 Stan Grayson. illus Army Dig 26:8-9 Jan '71

UH-1 crashworthy fuel system. Maj Edwin R. Widmer. illus USA Avn Dig 17:39-42 Mar '71

Study and Teaching

Helo pilots--Army automates training. illus Govt Exec 3:20 Jan '71

UH-2Maintenance and Repair

Family affair. illus Approach 16:38-40 Apr '71

HELICOPTERSAccidents

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Characteristics

The aircraft shown in Paris (Air Show, 1971). Table only. Interavia 26:799-800 Jul '71

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Maintenance and Repair

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Manufacture

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Piloting

Phling-wing phundamentals. illus MAC Flyer 18:12-15 Jul '71

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In-Flight Refueling

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Europe, Western

Europe's helicopter industry--catching up. Stefan Geisenheyner. illus Aerosp Intl 7:14-15+ Mar-Apr '71

Italy

Agusta's wide range of helicopters. D. L. Stevenson. illus tab Interavia 26:816-818 Jul '71

Russia

Europe's helicopter industry--catching up. Stefan Geisenheyner. illus Aerosp Intl 7:14-15+ Mar-Apr '71

United States

The world of the helicopter--versatility unlimited. Jean Ross Howard. illus Aerosp Intl 7:6-10+ Mar-Apr '71

HELICOPTERS, EXPERIMENTAL see Aircraft, Experimental

HELICOPTERS, GUNSHIP see Gunships

HELICOPTERS, MILITARYSee also

COIN Aircraft

Airmobile forces in Europe. Gen H. Maeder, Ret. illus Intl Def Rev 3:160-161 Jun '70

Accidents

See Accidents, Air; Accidents, Ground (Aircraft)

Armament

Air armament. Col Robert L. Johnston, Ret. Regular feature in issues of Ordnance

HELICOPTERS, MILITARY - ContinuedArmament - Cont'd

Anti-tank missiles in Europe. John Marriott. illus tab Armed Forces J 108:30-31 Jul 19 '71

The armed helicopter story. LtCol Charles O. Griminger. illus USA Avn Dig pt 1, The origins, 17:14-17 Jul '71; pt 2, Vanderpool's Fools. 17:14-19 Aug '71; pt 3, Armed helicopters around the world. 17:10-13+ Sep '71; pt 4 (Weapons systems: early experiment) 17:18-25 Oct '71; pt 5, Formal development (models XM-1 thru XM-50). 17:17-24 Nov '71; pt 6, XM-51 thru 6AU-2B/A. 17:22-24 Dec '71

The Army Cheyenne--designed to survive. Col Robert J. Dillard. illus tab USA Avn Dig 17:2-7 May '71

Army reverses decision to buy TOW-equipped Cobra gunships. Armed Forces J 108:16-17 Feb 15 '71

The Emerson MINI-TAT tactical armament turret. illus tab Intl Def Rev 4:489 Oct '71

SMASH (Southeast Asia Multi-sensor Armament System for Hueycobra) is a new day/night fire control system. illus Signal 25:57 Feb '71

TOW on Cobra is go again. Armed Forces J 108:16 Mar 15 '71

We armed the helicopter. Col Jay D. Vanderpool, Ret. illus USA Avn Dig 17:2-6+ Jun '71

Testing

Better guns for choppers. Alexander Hammer. illus Ordnance 56:138-142 Sep-Oct '71

Blades

Autorotation. illus MAC Flyer 18:18-22 Dec '71

Hughes quiets OH-6. illus Armed Forces J 108:16 Apr 19 '71

Rotor blade radar (HELMS (HELicopter Multifunction System)) for helicopter. illus Armed Forces J 108:23 Jul 5 '71

Characteristics

The Army Cheyenne--designed to survive. Col Robert J. Dillard. illus tab USA Avn Dig 17:2-7 May '71

A gallery of USAF weapons: The helicopters. illus AF Mag 54:162 May '71

The helicopter in the defense of Europe. Maj J. E. J. Lloyd. illus Intl Def Rev 3:157-159 Jun '70

The Sikorsky S-67 Blackhawk attack helicopter. illus tab Intl Def Rev 4:180-181 Apr '71

Combat Evaluation

Army aircraft vulnerability and survivability. LtCol Francis I. Lopes. illus USA Avn Dig 17:2-5+ Nov '71

The heli-tactic gap. Col Howard I. Lukens. illus Army 21:43-46 Aug '71

Three dimensional warfare. Fraser Scott. illus Royal United Svcs Inst for Def Studies J 116:43-47 Sep '71

Control

See Flight Control Systems

HELICOPTERS, MILITARY - ContinuedDesign

Aerial armored reconnaissance vehicle. George R. Stack. illus Armor 80:18-21 May-Jun '71

Surviving the survivable. (From paper, Aerospace Medical Panel Specialists Meeting, Oporto, Portugal, June 23-26, 1971) Joseph L. Haley, Jr. illus USA Avn Dig 17:36-38 Dec '71

Whatever happened to the MLH (Medium Lift Helicopter)? Elfan ap Rees. illus tab Air Pict 33:400-402 Nov '71

Detection and Recognition
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Ditching

Oil leak + overspeed = ditch. Approach 17:18-21 Oct '71

Emergency Procedures

Another first (and we hope the last). Maj John L. Wood. illus USA Avn Dig 17:32-34 Jun '71

Emergency escape systems for helicopters. CW4 Paul H. Johnson. illus USA Avn Dig 17:52-56 Aug '71

Emergency proficiency. CW2 J.M. Adkins. illus USA Avn Dig 17:14-15 May '71

On fire and going down. Capt William D. Bristow, Jr. illus USA Avn Dig 17:32-34 May '71; Approach 17:26-29 Aug '71

Toosoonoldt and toolateschmart. Laurel D. Sand. illus USA Avn Dig 17:46-50 May '71

EnginesMaintenance and Repair

A salty situation. (Aircraft engine salt encrustation problem) L. E. Goodding. illus Aerosp Safety 27: 2-5 May '71

Equipment

The helicopter: Hazardous at any height? Lt W.H. Baker. (Reprinted from U. S. Naval Institute Proceedings, Oct 1970) tab illus (Also cutaways) USA Avn Dig 17:52-58 Sep '71

Maintenance and Repair

Copter repair afloat/ashore. SP4 Tom Bailey. illus Army Dig 26:20-22 May '71

Escort Missions

The helicopter: An extension of the DE (Destroyer Escort) in the Royal Navy. CDR J. P. Gunning. illus US Nav Inst Proc 97:105-107 Aug '71

Fires and Fire Prevention

On fire and going down. Capt William D. Bristow, Jr. illus USA Avn Dig 17:32-34 May '71; Approach 17:26-29 Aug '71

Fuel Systems

Emergency throttle. LCDR D.A. Mohr. illus Approach 17:40-41 Nov '71

Fuel exhaustion. Capt Alfred J. Bevilacqua. illus USA Avn Dig 17:36-38 Mar '71

UH-1 crashworthy fuel system. Maj Edwin R. Widmer. illus USA Avn Dig 17:39-42 Mar '71

HELICOPTERS, MILITARY - ContinuedIce Prevention

Cold weather chopper topics. Maj Owen A. Heeter. illus MAC Flyer 18:4-7 Oct '71

Identification

AIMS (Air traffic control radar beacon, Identification friend or foe, Mark XII Systems). illus Interceptor 13:22-24 Apr '71

Insignia

Identification letters--U.S. Navy & Marine Corps air units. Duane A. Kasulka. illus tabs Am Avn Hist Soc J 16:294-302 Winter '71

InspectionSee also

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Instruments

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Landing and Takeoff

Autorotation. illus MAC Flyer 18:18-22 Dec '71

Family affair. illus Approach 16:38-40 Apr '71

Hover sense. Maj Chester Goolrick. illus USA Avn Dig 17:36-49 Jun '71

The landing problem--helicopter vs airplane. illus tab MAC Flyer 18:17-21 Feb '71

Look out below. Maj Nicholas E. Barreca. illus USA Avn Dig 17:20-23 Aug '71

Power settling--that sinking feeling. illus MAC Flyer 18:24-26 May '71

Reflections. LT Henry E. Freas. illus Approach 16:12-13 Feb '71

Statistically speaking. Herbert V. Jackson. illus tab USA Avn Dig 17:46-48 Jul '71

Wheels-up landings on purpose. illus tab Approach 17:1-7 Oct '71

Landing Gear

Wheels-up landings on purpose. illus tab Approach 17:1-7 Oct '71

Load Distribution

Hover lift computer. Maj John M. Apgar. illus USA Avn Dig 17:28-30 Nov '71

Hover sense. Maj Chester Goolrick. illus USA Avn Dig 17:36-49 Jun '71

Loading and Unloading

Services test off-shore unloading of container ships. illus Translog 2:10 Mar '71

Maintenance and Repair
See Aircraft Maintenance

Manufacture

See Helicopter Industry and Trade

Markings

See Helicopters, Military--Insignia

HELICOPTERS, MILITARY - ContinuedMaterials

The use of Army rotary wing mishap experience to assure improved product effectiveness. (Adapted from a paper presented at the 9th Reliability and Maintenance Conference) LtCol James T. Darrah, Jr and Joseph L. Haley, Jr. illus USA Avn Dig 17:49-62 Mar '71

Modifications

Army reverses decision to buy TOW-equipped Cobra gunships. Armed Forces J 108:16-17 Feb 15 '71

Bell to offer growth Cobra gunship. illus Armed Forces J 108:19-20 Jul 19 '71

The model 347 helicopter--a pilot's view. Frank H. Duke. tabs illus (Also cutaway) USA Avn Dig 17:10-13+ Oct '71

Navy jury rigs a LAMPS. Armed Forces J 108:16 Mar 15 '71

Performance

OH-58 Kiowa power margin. Dan Tisdale, Jr. illus USA Avn Dig 17:9-11 Jun '71

Piloting

Autorotation. illus MAC Flyer 18:18-22 Dec '71

Be a hover lover. Maj Dale L. Eppinger. illus Combat Crew 22:4-7 Jan '71

Ground resonance or pilot induced oscillations? CW3 Arel E. Childress. illus USA Avn Dig 17:58-59 Feb '71

Hover sense. Maj Chester Goolrick. illus USA Avn Dig 17:36-49 Jun '71

Look out below. Maj Nicholas E. Barreca. illus USA Avn Dig 17:20-23 Aug '71

Reflections. LT Henry E. Freas. illus Approach 16:12-13 Feb '71

Violators gamble and lose. illus USA Avn Dig 17:57-59 Jun '71

Study and Teaching

Above the best. LtCol W. G. Cretney and Lt R. J. Dooling. illus MarCor Gaz 55:32-35 Jun '71

Autorotation training. LCDR T. F. Doyle, Jr. illus Approach 17:10-13 Jul '71

Fewer fixed-wing pilots will convert to choppers. AF Times 31:59 Jul 7 '71

Helo pilots--Army automates training. illus Govt Exec 3:20 Jan '71

Power PlantsSee also

Helicopters, Military--Engines

OH-58 Kiowa power margin. Dan Tisdale, Jr. illus USA Avn Dig 17:9-11 Jun '71

What you don't know (about transmission failure) can hurt you. LCDR Donald A. Mohr. illus Approach 17:44-45 Aug '71

Recognition

See Helicopters, Military--Identification

RefuelingSee also

In-Flight Refueling

HELICOPTERS, MILITARY - ContinuedRefueling - Cont'd

Doesn't taste like JP-4--make sure that what you see is what you want. Capt G. A. Renn. illus USA Avn Dig 17:6-7 Mar '71

Rapid refueling the CH-47. CW2 Marvin T. Heskett. illus USA Avn Dig 17:32-35 Mar '71

Safety MeasuresSee also

Flying Safety

Accidents are stupid. Col Kenneth D. Mertel. illus USA Avn Dig 17:2-5 Feb '71

Air safety--the benefits of PWIs (Proximity Warning Indicators). illus Govt Exec 3:26-27 Oct '71

Army midair collisions. CW2 Morris L. Marty and others. illus USA Avn Dig 17:36-49 Jan '71

Autorotation training. LCDR T. F. Doyle, Jr. illus Approach 17:10-13 Jul '71

Doesn't taste like JP-4--make sure that what you see is what you want. Capt G. A. Renn. illus USA Avn Dig 17:6-7 Mar '71

Escape systems: Who needs them? Helicopters do! CWO R. F. Williams. illus Approach 17:26-29 Dec '71

Heads you win! Maj Edwin R. Widmer. illus USA Avn Dig 17:60-63 Sep '71

Hover sense. Maj Chester Goolrick. illus USA Avn Dig 17:36-49 Jun '71

Misguided missiles. (Unsecured items in aircraft) illus Approach 17:12-13 Dec '71

Ragged maintenance. illus USA Avn Dig 17:36-37 Oct '71

Rapid refueling the CH-47. CW2 Marvin T. Heskett. illus USA Avn Dig 17:32-35 Mar '71

Suddenly it's winter--helicopter in the cold. Aerosp Safety 27:12-13 Dec '71

Surviving the survivable. (From paper, Aerospace Medical Panel Specialists Meeting, Oporto, Portugal, June 23-26, 1971) Joseph L. Haley, Jr. illus USA Avn Dig 17:36-38 Dec '71

Toosoonoldt and toolateschmart. Laurel D. Sand. illus USA Avn Dig 17:46-50 May '71

When is a helicopter like an ejection seat? LtCol John P. Heilman, Jr. illus USA Avn Dig 17:20-22 Apr '71

Study and Teaching

Army copter school (Fort Wolters, Ky) to graduate AFers. AF Times 31:10 Apr 14 '71

Copter pilots trained (at Fort Rucker, Ala). AF Times 32:11 Aug 11 '71

Copter training activated. AF Times 31:20 May 12 '71

Here come the Danes. SP5 Patrick Svacina. illus USA Avn Dig 17:65 May '71

USAF rotary-wing trainees at (Fort) Rucker (Ala). Armed Forces J 108:13 Mar 1 '71

Takeoff

See Helicopters, Military--Landing and Takeoff

HELICOPTERS, MILITARY - ContinuedTesting

Army aircraft vulnerability and survivability. LtCol Francis I. Lopes. illus USA Avn Dig 17:2-5+ Nov '71

The model 347 helicopter--a pilot's view. Frank H. Duke. tabs illus (Also cutaway) USA Avn Dig 17:10-13+ Oct '71

Tracking

See Helicopters, Military--Identification

Europe, Western

Enter the Puma--first Anglo-French collaborative aircraft for the RAF. J. D. R. Rawlings. illus Air Pict 33:206-207 Jun '71

The helicopter in the defense of Europe. Maj J. E. J. Lloyd. illus Intl Def Rev 3:157-159 Jun '70

Lynx--the third Anglo-French helicopter. illus Interavia 26:171 Feb '71

France

The Lynx helicopter. illus Armed Forces J 108:22-23 Aug '71

Germany (Federal Republic)

New German helicopter (MBB Bo105). Stefan Geisenheyner. illus AF Mag 54:19-20 Mar '71

Great Britain

Enter the Puma--first Anglo-French collaborative aircraft for the RAF. J. D. R. Rawlings. illus Air Pict 33:206-207 Jun '71

The helicopter: An extension of the DE (Destroyer Escort) in the Royal Navy. CDR J. P. Gunning. illus US Nav Inst Proc 97:105-107 Aug '71

The Lynx helicopter. illus Armed Forces J 108:22-23 Aug '71

Whatever happened to the MLH (Medium Lift Helicopter)? Elfan ap Rees. illus tab Air Pict 33:400-402 Nov '71

NATO

Army helicopters in Europe. Armed Forces J 108:22 Aug '71

Russia

Soviet airmobility. LtCol Joe B. Myers. illus USA Avn Dig 17:1-5 Sep '71

United States

Aerial armored reconnaissance vehicle. George R. Stack. illus Armor 80:18-21 May-Jun '71

Air capable ships and through deck cruisers: Sea-air power on the cheap. Brooke Nihart. illus Armed Forces J 108:30-33 Apr 19 '71

The armed helicopter story. LtCol Charles O. Griminger. illus USA Avn Dig pt 1, The origins. 17:14-17 Jul '71; pt 2, Vanderpool's Fools. 17:14-19 Aug '71; pt 3, Armed helicopters around the world. 17:10-13+ Sep '71; pt 4 (Weapons systems, early experiment) 17:18-25 Oct '71; pt 5, Formal development (models XM-1 thru XM-50). 17:17-24 Nov '71; pt 6, XM-51 thru 6AU-2B/A. 17:22-24 Dec '71

Army and Navy will develop own HLHs (Heavy Lift Helicopters)--if congressional criticism satisfied. Brooke Nihart. illus Armed Forces J 108:28-29+ Jun 7 '71

HELICOPTERS, MILITARY - ContinuedUnited States - Cont'd

Army okays UTTAS (Utility Tactical Transport Aircraft System) as Huey replacement--Marines interested as CH-46 production ends. Armed Forces J 108:15-16 Feb 15 '71

Army reports helicopter success in Laos, Air Force skeptical. Brooke Nihart. Armed Forces J 108:24+ Apr 5 '71

CO 2/17 AirCav: 'Gunships took tanks, survived flak' in Laos. George Weiss. illus Armed Forces J 108:22-23+ Apr 19 '71

Copters carry the cargo of men, materiel, munitions. LtCol Lewis McConnell. illus Army Dig 26:26-30 Feb '71

DOD readies Huey helicopter replacement (UTTAS: Utility Tactical Transport Aircraft System). tab Armed Forces J 108:21 Jun 7 '71

GAO hits Navy DASH (Drone AntiSubmarine Helicopter) concurrency problems. Armed Forces J 108:10-11 Feb 1 '71

A gallery of USAF weapons: The helicopters. illus AF Mag 54:162 May '71

Helicopter or fixed wing? Both! Col Noah C. New. illus MarCor Gaz 55:25-30 May '71

LOH recovery. Lt Conrad W. Hamp. illus USA Avn Dig 17:6-7 Feb '71

Limited asset airmobile operations. Maj Frank W. Gillespie, Jr. illus Infantry 61:12-15 May-Jun '71

A look at airlift in the mid-'70s: Services will face problems. George Weiss. illus tabs Armed Forces J 108:28-31 Apr 5 '71

A look at our LAMPS. Michael R. Bonsignore. illus US Nav Inst Proc 97:26-31 Dec '71

Marine Aviation in Vietnam, 1962-1970. LtGen Keith B. McCutcheon. illus maps tabs US Nav Inst Proc 97:122-155 May '71

Navy jury rigs a LAMPS. Armed Forces J 108:16 Mar 15 '71

"New" helicopters, used trucks head ARNG equipment flow list. Natl Guardsman 25:22 Mar '71

A new partnership: The helicopter and the destroyer. LTJG Walter W. Price II. illus US Nav Inst Proc 97:99-101 Jun '71

Reflections. LT Henry E. Freas. illus Approach 16:12-13 Feb '71

The Sikorsky S-67 Blackhawk attack helicopter. illus tab Intl Def Rev 4:180-181 Apr '71

TRICAP artillery. Maj Jerry W. Childers. illus Army 21:23-25 May '71

Two oceans--four continents, with HMM-365. Lt Jerry L. Jochims. illus MarCor Gaz 55:31-34 May '71

The U. S. military chopper--a prognosis. Robert M. Loebelson. illus tabs Aerosp Intl 7:22-25 Mar-Apr '71

We armed the helicopter. Col Jay D. Vanderpool, Ret. illus USA Avn Dig 17:2-6+ Jun '71

The world of the helicopter--versatility unlimited. Jean Ross Howard. illus Aerosp Intl 7:6-10+ Mar-Apr '71

HELICOPTERS, MILITARY - ContinuedUnited States - Cont'dHistory

The U.S. military chopper--a prognosis. Robert M. Loebelson. illus tabs Aerosp Intl 7:22-25 Mar-Apr '71

Study and Teaching

Here's a copter (Project Pacer Weld) that'll never fly. AF Times 31:16 Jun 30 '71

MAC's new chopper college (1550th Aircrew Training and Test Wg, Hill AFB, Utah). Maj Ed Ross. illus MAC Flyer 18:4-8 Nov '71

HELICOPTERS IN COUNTERINSURGENCY see COIN Aircraft

HELICOPTERS IN FIRE FIGHTING

Call out the helibuckets. SP5 Irwin Polls. illus Soldiers 26:27 Sep '71

Chopper turns to firefighting--Jolly Red Giant? (Alaskan Air Command's 5040th Helicopter Sq) illus AF Times 31:61 Jul 7 '71

HELICOPTERS IN MEDICAL SERVICE

Aeromedical transportation and general aviation. Harry L. Gibbons and Carl Fromhagen. tab Aerosp Med 42:773-779 Jul '71

The air medical evacuation system concept. CW2 Robert E. Cline. illus USA Avn Dig 17:22-25 Jul '71

Airevac--copters save civilians. illus Govt Exec 3:21 Apr '71

Military invades civil domain with MAST (Military Assistant to Safety and Traffic). George Weiss. illus tab Armed Forces J 109:40-42 Nov '71

NG choppers support World Cup Ski Competitions. Maj Albert J. White, Jr. illus USA Avn Dig 17:34-35 Jul '71

Passing of a metal hand (Military Assistance to Safety and Traffic (MAST)). Sgt Dave Cole illus Airman 15:34-37 Nov '71

The thread of a concept. Col E. R. Brady. illus MarCor Gaz 55:35-42 May '71

HELICOPTERS IN RESCUE WORK

Another first (and we hope the last). Maj John L. Wood. illus USA Avn Dig 17:32-34 Jun '71

Mission of mercy: Pakistan. CW2 Stephen P. Miles. illus USA Avn Dig 17:30-31 Jun '71

Southern Command aids flood victims. AF Times 31:46 Jan 13 '71

To land and rescue. (Risky job of Alaska rescue team) SP5 Tom Bailey. illus Soldiers 26:34-37 Nov '71

U.S. Coast Guard: Sister service--brother's keeper. illus map Interceptor 13:10-14 May '71

Vandy (Vandenberg AFB, Calif) helps save 16 as boat sinks. AF Times 31:19 Mar 17 '71

Study and Teaching

Mission: Flatiron. WO1 Michael D. Sheley. illus USA Avn Dig 17:10-13 Aug '71

SAR crewman training. illus Approach 16:26-33 May '71

HELIUM

Helium-oxygen saturation diving: II. Serum chemistries and urinalyses. James Vorosmarti, Jr and others. illus tabs Aerosp Med 42:13-16 Jan '71

HELMETS

Creators of custom comfort. (AF Logistics Command, Physiological Training Division, Wright-Patterson AFB, Ohio) Capt Virgil N. Kovalenko. illus Airman 15:9-10 Sep '71

Head cooling in work and heat stress. Sarah A. Nunneley and others. illus tab Aerosp Med 42:64-68 Jan '71

Let's keep our heads. (SPH-4 helmets) Maj Nicholas E. Barreca. illus USA Avn Dig 17:26-29 Feb '71

Most retire at thirty. LtCol Larry S. Mickel and Maj Robert W. Browning. illus Infantry 61:34-36 Jul-Aug '71

Re-evaluation of emergency pressurization requirements for brief flights above 50,000 feet. Charles L. Wilson. illus tabs Aerosp Med 42:183-185 Feb '71

Safety of flight helmets in Army Aviation personnel serving in Vietnam. Dennis Bauman and Eric E. Lindstrom. tabs Aerosp Med 42:90-92 Jan '71

Technique for optimal fitting of flight helmets. James W. Greene. illus tabs Aerosp Med 42:1338-1340 Dec '71

HENDERSON, Frederick P.

An alternative proposal (to BrigGen Henderson's "The FMF"). Col Lee R. Bendell. Mar Cor Gaz 55:51-52 Sep '71

The FMF: An alternative future and how to get there. BrigGen F. P. Henderson, Ret. por MarCor Gaz 55:18-48 Jul '71

HERNDON, William L.

Herndon, Maury, and the Amazon Basin. James P. Reddick, Jr. illus maps US Nav Inst Proc 97:56-63 Mar '71

HERRING, John H., Jr

New 839th AD commander is a veteran airlifter--Gen (John H.) Herring replaces Gen (William A.) Dietrich. Tac Alft 1:5 Jul '71

HIGHWAYS see RoadsHIJACKING OF AIRCRAFT see Airplane HijackingHILL, Homer S.

Find a need and fill it. MajGen H.S. Hill. por MarCor Gaz 55:18-19 May '71

HILL, Jim D.

The Guard at Kent University. MajGen Jim Dan Hill, Ret. illus Natl Guardsman 25:8-12 Feb '71

HISTORYSee also

Military History

also subdivision History under specific subjects

HOEFILING, John A.

Leadership in the volunteer Army. BrigGen John A. Hoefling. illus tabs Army 21:38-42 Aug '71

Why can't I motivate my people? BrigGen John A. Hoefling. illus Infantry 61:18-20 Nov-Dec '71

HOLLAND, Leonard

The Army National Guard at the (NGAUS) 93d General Conference (Honolulu, Hawaii, Sep 20-23, 1971). por Natl Guardsman 25:10-12 Nov '71

Three newcomers are named to positions on Army Reserve Forces Policy Committee. por Officer 47:25 Feb '71

HOLLOWAY, Bruce K.

News program held poor idea. AF Times 31:5 Jul 28 '71

SAC boss lists vital weaponry. Interview. Gen Bruce K. Holloway. por AF Times 31:15 Apr 7 '71

Some Air Force sergeants I have known. (Adapted from address, Air Force Sergeants Assoc, Colorado Springs, Calif, 1970) Gen Bruce K. Holloway. illus Airman 15:12-15 Oct '71

Strategic Air Command. por AF Mag 54:56-59 May '71

The strategic frontier. Gen Bruce K. Holloway. Ordinance 55:526-528 May-Jun '71

U.S. and USSR Strategic Forces. (Address, China National Aviation and American Volunteer Group Convention, San Diego, Calif, July 3, 1971) Gen Bruce K. Holloway. AF Plcy Ltr for Comdrs: Sup No. 9:20-28 Sep '71

HOLM, Jeanne M.

AFA honors (BrigGen) Jeanne Holm (and others). AF Times 32:20 Sep 22 '71

Air Force gets female general. AF Times 31:4 Jul 21 '71

Air Force to listen to WAF advice. Armed Forces J 108:18 May 3 '71

BrigGen Jeanne Holm, USAF. Interview. por AF Mag 54:72-75 Sep '71

Challenges for new officers. (Remarks, AFROTC Dining-In, University of North Dakota, Grand Forks, Oct 15, 1971) BrigGen Jeanne M. Holm. AF Plcy Ltr for Comdrs: Sup No. 12:8-12 Dec '71

Holm prods base stores to stock WAF uniforms. AF Times 32:22 Nov 10 '71

The lady is a general. Capt Robert P. Everett. illus Airman 15:40-47 Sep '71

Recruitment of WAF hitting new highs. por AF Times 31:21 Jul 28 '71

HOLOGRAPHY

(Crystal that stores hologram images that can be read by laser) Signal 25:110 Aug '71

(Lightweight, hand-held holography camera) illus Signal 26:66 Oct '71

'Spin-offs' to progress. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) Al Behnke. Elect Warfare 3:12+ Summer '71

HOLZAPPLE, Joseph R.

Holzapple retires. (LtGen David C.) Jones gets USAFE, (and other star retirements and assignments announced). illus AF Times 32:4 Aug 18 '71

USAF, Germany honor Holzapple at retirement. por AF Times 32:50 Sep 22 '71

U.S. Air Forces in Europe. illus charts AF Mag 54: 60-64 May '71

HOME LOANS see Loans, HomeHOMING PIGEONS see BirdsHONEYWELL INFORMATION SYSTEMS

Honeywell Information Systems: The secret is in the mixing. C.W. Borklund. illus chart Govt Exec 3: 44-45+ Jul '71

HONORSSee also

Awards, Decorations, etc

AFA honors (BrigGen) Jeanne Holm (and others). AF Times 32:20 Sep 22 '71

AFCEA Chapter Man of the Month (MajGen George E. Pickett). illus Signal 26:44 Nov '71

AFCEA Chapter Man of the Month (RADM Robert H. Weeks). illus Signal 25:54 Apr '71

AFSC takes 3 firsts in newspaper contest. AF Times 31:3 Feb 3 '71

ADM (Charles K.) Duncan to be presented Minute Man Award. Officer 47:27+ Jun '71

ADM (Charles K.) Duncan to receive Minute Man Hall of Fame Award at (ROA) Convention Banquet (San Diego, Calif, June 19, 1971). Officer 47:6 May '71

Ch(Col) (Kalman L.) Levitan accepts ROA honor (as Chaplain of the Year) for all colleagues (at ROA Mid-Winter Conference, Washington, Feb 18-19, 1971) illus Officer 47:22 Apr '71

Col K. L. Levitan, USAF, to receive award as Chaplain of Year. Officer 47:4 Feb '71

House Speaker (Carl) Albert pays tribute to "old friend" in presenting ROA Minute Man of Year Award (to Sen Strom Thurmond at ROA Banquet, Feb 19, 1970). illus Officer 47:7+ Apr '71

Human needs and instructor recognition. Capt Dennis J. Duffin. USAF Instrs J 9:61-64 Summer '71

Instructor recognition. (ATC selects year's outstanding pilot, navigator instructors: Capt Harvey B. Cox III, Maj Donald G. Plummer) illus USAF Instrs J 9:2 Fall '71

Instructor recognition--the 1970 outstanding NCO Academy instructors. illus USAF Instrs J 8:2-3 Winter '70-'71

A little more of something special. (12 Outstanding Airmen of 1971) Sgt Dave Cole illus Airman 15:17-20 Nov '71

9 receive honors in photo contest (and former SP5 Steve Groer named 1970 Military Photographer of the Year). AF Times 31:4 May 19 '71

1971 Mid-Winter plan announced, Sen Thurmond to get "Minute Man" Award. Officer 47:8 Jan '71

ROA adds most prized award ("Minute Man of the Year") to Sen Thurmond's many honors. illus Officer 47:14-15+ Feb '71

ROA told of anti-military perils (at National Convention, San Diego, Calif, June 17-19, 1971, by Minute-Man Award winner ADM Charles K. Duncan, and BrigGen Gerald A. Hart elected ROA president). illus AF Times 31:17 Jul 7 '71

Sen Thurmond (accepts Minute Man Award at ROA Banquet, Feb 19, 1970): "Great problems in the years ahead." Officer 47:7+ Apr '71

Sen Thurmond, ROTC cadets to share honors at 1971 (ROA) Mid-Winter Conference at Washington (Feb 18-19, 1971). Officer 47:4 Feb '71

HONORS - Continued

Speaker Carl Albert named ROA's Minute Man of the Year for 1972. illus Officer 47:20 Dec '71

USAF School of Aerospace Medicine Outstanding Instructor Awards, 1970: LtCol Walter C. Barnes, Maj Hugh F. Mulligan, SMSgt John L. Lund, and TSgt John P. Gibeau. illus USAF Instrs J 8:2-3 Spring '71

U.S. military must not be isolated from mainstream of American life. (Excerpts from address ROA National Convention, San Diego, Calif, June 17-19, 1971) ADM Charles K. Duncan (recipient of Minute Man Hall of Fame Award) illus Officer 47:9+ Aug '71

WAF, 11 airmen (NCO's) honored (as Outstanding Airmen for 1971). illus AF Times 32:3 Sep 29 '71

Why not? (Capt Paul Bucha wins Medal of Honor and named one of 10 Outstanding Young Men of 1971 by National Jaycees) SP5 David A. Lewis. illus Soldiers 26:29-31 Aug '71

HOOKER, Malcolm P.

MTMTS names new deputy, assistant commanders (RADM James E. Forrest and BrigGen Malcolm P. Hooker). por Translog 2:5-6 Aug '71

HOSPITAL SHIPS

Hope is the name of the game. Philip R. Smith, Jr. illus Army Dig 26:23-25 Jan '71

History

Unknown ship (USS Solace). CAPT Benjamin Perlman, Ret. illus US Nav Inst Proc 97:78-79 Mar '71

HOSPITALSAir Force--U.S.

Abortions opponent loses fight. Jim Sample. AF Times 31:3 Feb 3 '71

Exaggerated hospital workloads. TIG Brief 23:7 Apr 23 '71

First midwife (Capt Clara B. Ryder) goes on duty. AF Times 31:3 Mar 31 '71

Hospitals to test lab computers. AF Times 32:8 Sep 15 '71

Maxwell (AFB, Ala) holds 'health week 71.' AF Times 31:32 Jul 7 '71

Medics combat electric hazards. AF Times 32:5 Sep 8 '71

Medics set up repair centers. AF Times 31:11 Apr 14 '71

Non-M.D.'s to head 4 hospitals--two-year trial planned. Jim Sample. AF Times 32:4 Aug 25 '71

Pharmacy practices. TIG Brief 23:12 Mar 12 '71

Prototype hospital scheduled (at Travis AFB, Calif). AF Times 31:2 May 26 '71

Retired strain medics--hospitals can't meet demands. Jim Sample. AF Times 31:1+ Mar 3 '71

Specialized patient environment. TIG Brief 23:19-20 Feb 12 '71

State of perfection--444(th Medical Service Flt, Griffiss AFB, NY). illus Air Reservist 23:12-13 Mar '71

USAF hospital facilities. TIG Brief 23:9 Mar 26 '71

HOSPITALS - ContinuedArmed Forces--U.S.

Handiest hospital. 1stLt James A. Pulver. illus Army Dig 26:46-47 Feb '71

Nixon order hits at abortions. AF Times 31:6 Apr 21 '71

Seamans tells of new family housing, hospital programs. James D. Hessman. Armed Forces J 108:34 Jul 5 '71

Study forecasts new generation of military medical care. James D. Hessman. illus Armed Forces J 108:22-23+ Mar 1 '71

Army--U.S.

Now there's MUST (Medical Unit Self-contained Transportable field hospital). illus Soldiers 26:38-40 Dec '71

On mercy's wings. (U.S. medical and surgical assistance in Jordan) SSgt David J. Small. illus Army Dig 26:34-35 Mar '71

United States

Broader VA care opposed. AF Times 32:8 Aug 18 '71

Medical aides train at 18 VA hospitals. AF Times 32:4 Oct 13 '71

VA's Phil Budd: "Largest, most important area VA will be pursuing..." Govt Exec 3:30 Jun '71

HOSPITALS, AMERICANVietnam (Republic)

Hospital workload dips (at Cam Ranh Bay AB, Vietnam). AF Times 31:18 Aug 4 '71

Pleiku hospital cleared--casualties anticipated. AF Times 31:22 May 26 '71

HOSTILE FIRE PAY see Special Duty PayHOTELS

Base 'motels' defended from attacks by industry. AF Times 32:10 Nov 3 '71

HOURS OF LABOR

Affect adjective checklist assessment of mood variations in air traffic controllers. R. C. Smith and others. tabs Aerosp Med 42:1060-1064 Oct '71

4-day week eyed. Ed Gates. AF Times 32:17 Oct 20 '71

4-day work week tested--McGuire (AFB, NJ, 438th Military Airlift) Wing pioneers. Ed Gates. AF Times 31:1 Jul 21 '71

Guard technicians lose bid for four-day week. AF Times 32:20 Nov 24 '71

Time-on-job shows rise. AF Times 32:8 Dec 22 '71

HOUSE TRAILERS

4000 save BAQ in sub-par units. Jim Sample. AF Times 32:20 Aug 11 '71

Massive housing program sought--(MajGen Guy H.) Goddard tells lawmakers the problems. Ed Gates. AF Times 32:13 Sep 22 '71

Mobile home site open under VA (at Fort Lauderdale, Fla). AF Times 32:44 Sep 15 '71

VA okays home loans on trailers. AF Times 31:9 Feb 10 '71

HOUSEHOLD EFFECTS

Customs inspection of unaccompanied baggage containing explosives. TIG Brief 23:16 May 7 '71

Dear Mr Congressman. SP5 Ronald J. Dettmer. illus Translog 2:10+ Jun '71

Defense rips IRS stand. Bob Schweitz. AF Times 31:1+ May 12 '71

Defense to ask Congress for relief of moving tax. AF Times 31:4 Jun 2 '71

\$ drive to aid 12 EM in move. AF Times 31:2 May 19 '71

For the moving man, the hurdles multiply. (Condensed from Business Week, Aug 21, 1971) illus Translog 2:21-23 Oct '71

Hill groups vow aid to servicemen (on) moving tax. AF Times 31:13 May 26 '71

Increase likely in shipment limit (on) household goods (going overseas). AF Times 3:3 Jun 2 '71

It's your move. Harry J. Dempsey. illus Army Dig 26:22-23 Apr '71

The law and you. AF Times, What divorce proceedings entail. 31:30 Jan 6 '71; Several methods finalize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose. 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

Limit on shipment raised for some (for) o'sea furnished quarters. AF Times 31:3 Jun 9 '71

Medical evacuees and their unaccompanied personal property. TIG Brief 23:19 Apr 23 '71

More to get kin travel--PETS holds key. AF Times 31:3 Jun 16 '71

Movement of household goods. TIG Brief 23:8 Jul 23 '71

She (Mrs Mary Pumphrey) makes it a personal thing. Patricia A. Thomasson. illus Translog 2:16-18 Jun '71

Storage of HHG after expiration of entitlement period. TIG Brief 23:15 Apr 9 '71

Tax relief bill nears enactment. AF Times 32:15 Dec 8 '71

Tax-squeeze relief faces time squeeze. AF Times 32:8 Sep 8 '71

Their forte: Worthy service. Capt William M. Hemlepp. illus Translog 2:19-20 Feb '71

Traffic men study moving problems. Paul Collins. AF Times 32:1+ Dec 15 '71

Travel costs deductible. Capt Rufus C. Young, Jr. MarCor Gaz 55:15-16 Aug '71

When moving men show their worst side. (Reprinted from Business Week, Aug 21, 1971) Translog 2:24 Oct '71

HOUSINGSee also

Barracks and Quarters

Discrimination

Housing bias fight continues in Germany. Tom Wuriu. AF Times 31:35 Jun 30 '71

Germany (Federal Republic)

Housing bias fight continues in Germany. Tom Wuriu. AF Times 31:35 Jun 30 '71

United States

14 bases will get low-income homes. Jim Sample. AF Times 32:3 Nov 10 '71

Griffiss (AFB, NY) gets low-cost (off-base) housing. Jim Sample. AF Times 32:1+ Sep 8 '71

HUD steps up realignment of programs. Samuel Stafford. illus Govt Exec 3:50+ Mar '71

House-hunting help given to civilians. AF Times 31:4 Mar 31 '71

Housing--from missiles to modules. illus Govt Exec 3:25-27 Jun '71

Housing is a down-to-earth experience for one U.S. aerospace giant (Service Technology Corp). illus Govt Exec 3:48+ May '71

Housing listed. AF Times 31:4 Mar 3 '71

Housing planned for low-income military families. Armed Forces J 108:17-18 May 3 '71

Housing relief nears. Bob Horowitz. AF Times 31:1+ Jan 20 '71

The law and you. AF Times, What divorce proceedings entail. 31:30 Jan 6 '71; Several methods finalize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose. 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities vary. 32:21 Sep 15 '71 (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

OSD seeks 9,684 family housing units in FY 72 mil(itary) con(struction) plan. tab Armed Forces J 108:11-12 Apr 19 '71

Operation Breakthrough, recipient of kudos, criticism, moves ahead on projects. illus Govt Exec 3:44+ May '71

Public housing planned--military families get priority. Jim Sample. AF Times 31:3 May 5 '71

Substandard unit rent rates go up. Randall Shoemaker. AF Times 32:1+ Dec 22 '71

The U.S. Air Force: A national resource. (Address, Boston Chapter, AFA, Hanscom Field, Mass, April 23, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 6:2-7 Jun '71

Veteran Detroit firm (Fruehauf Corp) eyes "people container" market. Interview. William E. Grace. illus Govt Exec 3:53 May '71

HOUSING - ContinuedUnited States - Cont'dCosts

Housing guide shows if new units needed. tab AF Times 31:2 Jun 30 '71

Statistics

Leased housing at 2350 in U.S. AF Times 31:2 Feb 17 '71

HOUSING, AMERICAN

AF housing reports. illus tabs AF Times 31:42 Jan 6 '71; 31:18 Jan 13 '71; 31:20 Jan 20 '71; 31:20 Jan 27 '71; 31:16 Feb 3 '71; 31:56 Feb 10 '71; 31:55 Feb 17 '71; 31:22 Feb 24 '71; 31:51 Mar 3 '71; 31:16 Mar 10 '71

4000 save BAQ in sub-par units. Jim Sample. AF Times 32:20 Aug 11 '71

Management of bachelor/transient quarters, guest houses. TIG Brief 23:10 Feb 12 '71

OSD seeks 9,684 family housing units in FY 72 mil(itary) con(struction) plan. tab Armed Forces J 108:11-12 Apr 19 '71

'Raises' erased oversea. Bob Schweitz. AF Times 31:1+ Jul 21 '71

Rental rates and charges for quarters. TIG Brief 23:9 Jan 15 '71

Europe, WesternStatistics

Leased housing at 2350 in U.S. AF Times 31:2 Feb 17 '71

HOVERCRAFT see Air Cushion Vehicles

HOWARD, Joseph L.

The inertia of logistics systems. (Notes, with comment by RADM Joseph L. Howard) RADM Henry E. Eccles, Ret. por Log Spectrum 5:10-13 Spring '71

Logistics professionalization. RADM Joseph L. Howard. por Log Spectrum 5:9-14 Winter '71

HOWZE, Hamilton H.

Military discipline & national security. Gen Hamilton H. Howze, Ret. por Army 21:11-15 Jan '71

HUBBELL PAY STUDY GROUP see Compensation and Retention Study, 1966

HUGHES, Harold E.

Iowa dove (Sen Harold) Hughes joins Senate military panel (and other committee assignments made). AF Times 31:19 Feb 10 '71

HULL, Hadlai A.

President Nixon names two new assistant secretaries; Hull takes Army post, James Johnson moves to Navy. por Officer 47:5-6 Jun '71

HUMAN ENGINEERING

Human error and personality. CDR Harold R. Willis, Ret. illus Combat Crew 22:8-11+ Sep '71

Human factors engineering--a potential personnel management tool. Maj Donald S. Fujii. AU Rev 22:66-69 May-Jun '71

HUMAN ENGINEERING - Continued

Role of anthropology in Air Force systems. Milton Alexander and others. illus tabs Aerosp Med 42:388-393 Apr '71

HUMAN RELATIONS

AFA urged to back sensitivity training. AF Times 31:8 Apr 21 '71

ATC acts to end racial tensions. AF Times 32:1+ Sep 15 '71

Additional duties eyed for drug control men. Jim Sample. AF Times 32:1+ Sep 29 '71

Be tolerant of the difference. TIG Brief 23:11-12 Aug 27 '71

Blacks at Ramey (AFB, PR) tell of prejudice. Tony McHale. AF Times 31:20 Jul 28 '71

Challenges for new officers. (Remarks, AFROTC Dining-In, University of North Dakota, Grand Forks, Oct 15, 1971) BrigGen Jeanne M. Holm. AF Plcy Ltr for Comdrs: Sup No. 12:8-12 Dec '71

Command leadership and the black serviceman. L. Howard Bennett. illus US Nav Inst Proc 97:42-47 Apr '71

Factors in military decision-making: Communication and cross-cultural analysis. LtCol Russell A. Turner II and Hamid Mowlana. illus AU Rev 22:24-33 Mar-Apr '71

Fraternization issue remains muddled. AF Times 32:6 Nov 17 '71

The human factor in work force productivity. Capt Allen J. Sailer. illus tab AF Civil Engr 12:22-23 May '71

Human needs and instructor recognition. Capt Dennis J. Duffin. USAF Instrs J 9:61-64 Summer '71

Human relations and Air Force readiness. (Remarks, Air Force Sergeants Assoc, Washington, Aug 31, 1971) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 10:6-11 Oct '71

A key ingredient. Leighroy De Witt. USAF Instrs J 8:61-63 Winter '70-'71

Kicked to death by a rabbit, (AF personnel in Korea). Capt Robert P. Everett. illus Airman 15:11-16 Aug '71

MAC adjusts to new mission. AF Times 32:55 Nov 3 '71

Meeting human needs. TIG Brief 23:21-22 Aug 6 '71

Moody (AFB, Ga) forms council for black airmen. AF Times 32:22 Aug 11 '71

'People' programs require sincerity. Bruce Callander. AF Times 32:13 Sep 8 '71

Personnel bare troubles to (Human Relations) Council at Bien Hoa (AB, Vietnam). AF Times 31:19 Jul 7 '71

Status quo: Enemy of leadership. Maj Ramon A. Nadal. illus Mil Rev 51:24-30 Jun '71

Too nice a guy to be a captain? Capt Charles F. Moler. illus Armor 80:6-8 Jul-Aug '71

Study and Teaching

Communications between generations. CMSgt William G. Franklin. USAF Instrs J 9:8-11 Summer '71

HUMAN RELATIONS - ContinuedStudy and Teaching - Cont'd

HQMC establishes 20-hour human relations program. MarCor Gaz 55:5 Oct '71

The roleplaying technique. Capt Wayne S. Sellman. USAF Instrs J 8:68-71 Winter '70-'71

HUMAN RELIABILITY

How to spot a paranoiac... Bruce Callander. AF Times 31:13 Jul 21 '71

Human error and personality. CDR Harold R. Willis, Ret. illus Combat Crew 22:8-11+ Sep '71

Human reliability. TIG Brief 23:7 Apr 9 '71

Human reliability program. TIG Brief 23:11-12 Jun 4 '71

Human reliability program. TIG Brief 23:4 Aug 6 '71

Revision of AFM 35-99, "Human Reliability Program." TIG Brief 23:1 Oct 22 '71

When Armageddon comes will they fire in the hole? Ted Wye. AF Times, Family sup:8-10+ Nov 17 '71

HUMAN RESOURCES

AF Human Resources Laboratory. illus Contact 25:2-7 Jan-Feb '71

Path to tomorrow (Air Force Human Resources Laboratory). MSgt Loren B. Leonberger. Airman 15:31-34 Oct '71

Researchers (at AF Human Resources Laboratory) study 150 'people programs.' AF Times 32:10 Aug 18 '71

State of the Nation. Leo Cherne. Persp in Def Mgt, pp 1-9, Jan '71

HUMAN WASTE

Changes in human urine and blood chemistry during a simulated oxygen-helium dive to 1,500 feet. P. B. Bennett and S. P. Gray. illus tab Aerosp Med 42:868-874 Aug '71

Effect of endurance training on the urinary excretion of noradrenaline and adrenaline during ground and flying activity. P. J. Sarviharju and others. illus tabs Aerosp Med 42:1297-1302 Dec '71

Excretion patterns of air traffic controllers. H. B. Hale and others. illus tabs Aerosp Med 42:127-138 Feb '71

Helium-oxygen saturation diving: II. Serum chemistries and urinalyses. James Vorosmarti, Jr and others. illus tabs Aerosp Med 42:13-16 Jan '71

HUMPHREY, Hubert H., Jr

Communications: The essence of human life. Sen Hubert H. Humphrey. Signal 26:10-12 Sep '71

HUMPHREYS, James W., Jr

Dr (MajGen) Humphreys (Ret) in new NASA post. por Aerosp Med 42:250 Feb '71

HUNTON, Benjamin L.

BrigGen B. L. Hunton becomes first black U.S. Reserve general. por Officer 47:21 Jul '71

HURRICANES

Super hurricanes on Mars? Space World H-11-95:37 Nov '71

Women chasers (weather reconnaissance sqs). Capt Charles E. Gambrell and others. illus Navigator 18, No. 2:24-26 '71

Study and Teaching

WC-130 specially outfitted for study of hurricanes (Project Seek Storm). AF Times 31:55 Feb 3 '71

HYDROFOILS

100 knot Navy. (Surface effect ships) Larry L. Booda. illus Navy 14:17-19+ Jun '71

Small ships (hydrofoils and surface effect ships) in a big ship Navy. Brooke Nihart. illus Armed Forces J 108:26-29 Mar 15 '71

HYDROGRAPHY

Operations of the Rude and the Heck (wire-dragging ships). Raymond Wilcove. illus US Nav Inst Proc 97:95-97 Feb '71

Project Hydra. John N. Spinning. illus Mil Engr 63: 82-84 Mar-Apr '71

HYDROPLANING

Hydroplaning. Maj Edward H. Josephson. illus MAC Flyer 18:9-11 May '71

An operational aid for warning of aquaplaning conditions. J. E. Forbat. illus Interavia 26:164-166 Feb '71

HYDROPORTS see AirportsHYGIENE see Health and HygieneHYPOXIA

Control of acute mountain sickness. G. W. Gray and others. illus Aerosp Med 42:81-84 Jan '71

Effect of altitude and cold acclimatisation on the basal metabolism in man. C. S. Nair and others. illus tabs Aerosp Med 42:1056-1059 Oct '71

Effect of furosemide (lasix) on physical work capacity of altitude-acclimatised subjects at an altitude of 11,000 feet. C. S. Nair and P. M. Gopinath. illus tab Aerosp Med 42:268-270 Mar '71

Effects of low-grade hypoxia on performance in a vigilance situation. Vincent Fiorica and others. illus Aerosp Med 42:1049-1055 Oct '71

Hyperbaric respiratory mechanics. Edwin G. Vail. illus tab Aerosp Med 42:536-546 May '71

Hypoxia--it's a killer! LtCols Rudolf A. Lucchesi and Charles H. Sawyer. illus Combat Crew 22: 12-15 May '71

Susceptibility to moderate hypoxia in aircrew with a history of episodes of impaired consciousness in flight. W. Hartzell and P. D. Newberry. illus tabs Aerosp Med 42:93-97 Jan '71

IATA see International Air Transport Association

ICAO see International Civil Aviation Organization

ICBM see Missiles

ILS see Integrated Logistic Support

INTELSAT see International Telecommunications Satellite Consortium

IP see Instructor Pilots

ICE

Adequate, effective snow removal and ice control plans. TIG Brief 23:19 Oct 22 '71

International Ice Patrol--heritage of the Titanic. H. R. Kaplan. illus Review 51:10-12+ Jul-Aug '71

ICE RESEARCH

International Ice Patrol--heritage of the Titanic. H. R. Kaplan. illus Review 51:10-12+ Jul-Aug '71

ICEBREAKERS

International Ice Patrol--heritage of the Titanic. H. R. Kaplan. illus Review 51:10-12+ Jul-Aug '71

(New icebreaker for Coast Guard) Govt Exec 3:30 Dec '71

ICELAND

Living in Iceland. Andrew Schneider. illus AF Times, Family sup:10-12+ Nov 3 '71

Strategic Importance

Iceland's closure of U.S. base will cripple U.S. - NATO defense. Col Robert D. Heintz, Jr. Armed Forces J 108:20 Aug '71

ICING ON AIRCRAFT see Airplanes, Military--Ice Prevention; Helicopters, Military--Ice Prevention

IDENTIFICATION OF MILITARY PERSONNEL

Civilian hubbies win IDs. AF Times 32:4 Aug 25 '71

Improper use of ID cards. TIG Brief 23:3 Oct 8 '71

Issue and control of ID cards. TIG Brief 23:5 Aug 6 '71

Rules toughen retrieval of dependents' ID cards. AF Times 32:19 Nov 17 '71

IDEOLOGY

The moral values of the Free World, the common heritage of the countries of the (NATO) Alliance. M. W. J. M. Broekmeijer. NATO's Fifteen Nations 16:18-23 Aug-Sep '71

A question of priorities. (Tranquillity at home and military strength adequate to prevent foreign aggression) Maj Reginald Hargreaves, Ret. Ordnance 56:121-123 Sep-Oct '71

War and politics. Col T. Kondratkov. illus Soviet Mil Rev No. 10:4-6 Oct '71

IMMUNIZATION AND IMMUNITY

Electrophoresis demonstration planned for Apollo 14. illus (Also cutaway) Space World H-4-88:28-30 Apr '71

Epidemiological aspects of airport medicine. J. G. Constantino. Aerosp Med 42:456-460 Apr '71

Immunization requirements and procedures. TIG Brief 23:16 Nov 19 '71

IMMUNIZATION AND IMMUNITY - Continued

Smallpox vaccine backfires. AF Times 31:9 Feb 17 '71

IMPORT TRADE see Export and Import Trade

IN-FLIGHT REFUELING

Brute force. SSgt William Wagner. illus Combat Crew 22:18-20 Aug '71

Israeli aerial refueling capability blow to Arab air strategy. Brooke Nihart. illus Armed Forces J 108:15-16 Feb 1 '71

No man's land rendezvous. (Bomber/tank coordination) Capt Vasken W. Moomjian. illus Navigator 18, No. 3:5-6 '71

Study and Teaching

Training unique specialists (at Sheppard AFB, Tex). Capt Stanley J. Chrobak. illus USAF Instrs J 8: 51-54 Spring '71

IN-SERVICE TRAINING see On-the-Job Training

INACTIVATION OF INSTALLATIONS AND UNITS

Air Force

Air Force announces base adjustments. AF Plcy Ltr for Comdrs: Sup No. 6:31-32 Jun '71

Base-closing speculation banned. (AFR 27-5 forbids speculation without prior clearance) AF Times 32:10 Sep 8 '71

'Big John' oversees Vietnam withdrawal. AF Times 32:22 Nov 17 '71

Central Recon Establishment deactivated. illus Tac Air Recon Dig 5:7-9 Feb '71

Cutback hits many bases. Ed Gates. AF Times 31:1+ Mar 24 '71

Dow (AFB, Maine) pullout in '68 spurs busy jet port. AF Times 31:13 Jan 13 '71

Minimizing economic impact on communities as a result of Defense program adjustments. TIG Brief 23:3 Jan 29 '71

(460th) Recon(naissance) Wing (Tan Son Nhut AB) inactivated in Vietnam phasedown. AF Times 32:18 Aug 25 '71

Slashes in Japan listed. AF Times 31:2 Jan 6 '71

Small force cuts made. AF Times 31:4 Mar 17 '71

Taps to sound for six bands. AF Times 31:2 Apr 7 '71

Army

Active, Guard Nike defense cut heavily. Natl Guardsman 25:13 Apr '71

National Guard--Army

Active, Guard Nike defense cut heavily. Natl Guardsman 25:13 Apr '71

Reserve Forces--Navy

Closures of Navy Reserve stations and facilities hinder compensation for cuts in active forces. Officer 47:22-23+ Jun '71

INCENTIVE PAY

See also

Flight Pay

DOD to ask boost in hazard scales. AF Times 31:4 Jun 9 '71

Incentive pay for EOD personnel. TIG Brief 23:6 Jan 29 '71

INCENTIVE PAY - Continued

Incentive pay tab hits \$393 million. AF Times 31:35 Apr 28 '71

Officers' bonus still being pushed. tab AF Times 31:3 May 12 '71

INCOMESee also

Gross National Product

Lawmakers told civilians gaining in fringe benefits. AF Times 31:6 Jul 14 '71

Raises top civilian pay--still stalled. Bob Horowitz. AF Times 31:1+ Jul 28 '71

INDIA

The military balance in the Indian subcontinent. Ravi Rikhye. Armed Forces J 108:32-33 Jul 19 '71

The partition of Pakistan: A new balance in the Indian subcontinent? Ravi Rikhye. Armed Forces J 108:33+ May 17 '71

Foreign Policy

The strategic outlook of the Indian Ocean. Niu Sien-Chong. illus NATO's Fifteen Nations 16:34-39 Feb-Mar '71

Foreign Relations

India's mammoth Army. Ravi Kaul. Army Qtr 101: 314-322 Apr '71

Russia

The Indo-Soviet Treaty and its implications. WgComdr Maharaj K. Chopra, Ret. illus Mil Rev 51:22-28 Dec '71

Two views of the Indo-Russian defense treaty. Easwar Sagar and Lawrence Griswold. illus map Sea Power 14:26-36 Nov '71

History

Nagaland: An unending guerrilla war. Maj Melvin E. Kriesel, Jr. illus map Mil Rev 51:80-87 Dec '71

Where three empires used to meet. Brig A.E.C. Bredin. map Army Qtr pt 1, Afghanistan. 101: 364-371 Apr '71

Politics and Government

Nagaland: An unending guerrilla war. Maj Melvin E. Kriesel, Jr. illus map Mil Rev 51:80-87 Dec '71

INDIAN OCEAN

Air capable ship for Persian Gulf? Armed Forces J 108:19 Jun 7 '71

Oil--another pawn. Robert N. Merz. map Ordnance 56:211-213 Nov-Dec '71

U.S. flag over Diego Garcia: Challenging the Soviet fleet. Col Robert D. Heintz, Jr. Armed Forces J 108:13 Feb 1 '71

Strategic Importance

At last, a base in the Indian Ocean. L. Edgar Prina. illus map Navy 14:26-27 Jan '71

Australia's defense policies and the Asian point of view. LtCol E.H. Dar. illus tab US Nav Inst Proc 97:56-59 Dec '71

East of Suez: Peril for the West. (Interview with Lord Carrington, Britain's Minister of Defense) Max B. Boyd. illus Govt Exec 3:43-45 Jan '71

INDIAN OCEAN - ContinuedStrategic Importance - Cont'd

From Simonstown to Singapore. Lawrence Griswold. map US Nav Inst Proc 97:52-57 Nov '71

Indian Ocean attracts interest, U.S. starts base. Brooke Nihart. Armed Forces J 108:18 Apr 5 '71

Indian Ocean of tomorrow. Alvin J. Cottrell. illus maps Navy 14:10-16 Mar '71

Indian Ocean vacuum: Fact or fiction? Capt A. P. S. Bindra. illus NATO's Fifteen Nations 16:42-46 Feb-Mar '71

The military balance in the Indian subcontinent. Ravi Rikhye. Armed Forces J 108:32-33 Jul 19 '71

The strategic outlook of the Indian Ocean. Niu Sien-Chong. illus NATO's Fifteen Nations 16:34-39 Feb-Mar '71

Two views of the Indo-Russian defense treaty. Easwar Sagar and Lawrence Griswold. illus map Sea Power 14:26-36 Nov '71

INDIANS OF AMERICA see American IndiansINDONESIAStrategic Importance

Strait is the way Russia moves to control the narrow places. Lawrence Griswold. illus maps Sea Power 14:11-17 Oct '71

INDUSTRIAL COLLEGE OF THE ARMED FORCES

Challenge to ICAF: More and more highly educated students. Fred R. Brown. Persp in Def Mgt, pp 43-45, Jan '71

Cooperation for defense--Industrial College of the Armed Forces and the A.O.A. (American Ordnance Assoc) foster preparedness. illus Ordnance 55:518-519 May-Jun '71

INDUSTRIAL MOBILIZATION see Mobilization, IndustrialINDUSTRIAL PLANNINGSee also

Industry and Defense

INDUSTRIAL RELATIONS see Labor-Management RelationsINDUSTRIAL RESEARCH

Research today--a shaky problem. Editorial W.J. Baird. illus Signal 26:5 Dec '71

INDUSTRIAL SECURITY see Security, IndustrialINDUSTRYSee also

Mobilization, Industrial

also specific kinds of industry, e.g.,

Aerospace Industry and Trade
Aircraft Industry and Trade
Electronic Industry and Trade
Fish Industry and Trade
Helicopter Industry and Trade
Missile Industry and Trade
Petroleum Industry and Trade

France

French armaments industry now world's third largest. Col Robert D. Heintz, Jr. Armed Forces J 109:46 Nov '71

INDUSTRY - ContinuedIsrael

Israeli arms production. Jac Weller. illus Ordnance 55:540-544 May-Jun '71

Netherlands

Dutch factory gives new look to NATO's ammunition--solving modern warfare's fire problems. H. George Franks. illus NATO's Fifteen Nations 16:86-92 Aug-Sep '71

How Holland helps to put NATO on wheels--DAF's versatility and inventiveness. H. George Franks. illus NATO's Fifteen Nations 16:92-98 Oct-Nov '71

Russia

Convincing results--broad vistas. Vasily Dmitriev. illus Soviet Mil Rev No. 4:10-11 Apr '71

United States

The contribution of competition to our developing communications system. (Address, AFCEA, Washington, June 9, 1971) Kenneth A. Cox. Signal 25:59-60 Aug '71

Employed in industry--retiree 'influence' refuted. AF Times 32:6 Aug 25 '71

Making management decisions financially meaningful. C. S. Mason. illus Def Mgt J 6:44-45 Feb '71

National decline. LtGen Ira C. Eaker, Ret. AF Times 32:13 Aug 18 '71

Physical security, emergency preparedness protect industrial facilities. John C. Adsit. illus Def Ind Bul 7:38-41 Spring '71

Profits--and the big game hunt. (Interview with Jack S. Parker). illus Govt Exec 3:24-27 Nov '71

Retirees in industry--'dangerous.' AF Times 32:58 Oct 13 '71

U.S. prepares to convert to the metric system of measurement. Leon Shloss. tab Govt Exec 3:40-41 Dec '71

Whatever happened to enterprise? Douglas Grymes. illus Govt Exec 3:16-17 Apr '71

Statistics

Where the defense industry is headed. Benjamin F. Schemmer and others. illus tabs Armed Forces J pt 1, What did the assault on the 'MIC' really cost? 108:24-27+ Mar 1 '71

INDUSTRY AND DEFENSE

AFA's Industrial Associate program. illus AF Mag 54:54-57 Feb '71

AFA's 1971 aerospace development briefings. (AFA Convention, Washington, Sep 19-23, 1971) Claude Witze. illus AF Mag 54:86-89 Nov '71

The advanced prototype approach. Edgar Ulsamer. illus AF Mag 54:25-27 Nov '71

Air Force (fly-before-you-buy) policy letter. Robert C. Seamans, Jr. Elect Warfare 3:10 Convention Issue '71

Air Force's ALS (Advanced Logistics System)--vendor disenchantment. (Includes interview with MajGen Frederick E. Morris, Jr) illus Govt Exec 3:27 Jul '71

Army research and development documents available at TILO (Technical and Industrial Liaison Office). Maj Donald E. Gauntner. illus Def Ind Bul 7:32-34 Fall '71

INDUSTRY AND DEFENSE - Continued

At NARDIC (Navy Research and Development Information Center)--Navy has planning documents for industry. Lillian L. Morris. chart Def Ind Bul 7:30-32 Fall '71

Brezhnev's economic choice: More weapons and control or economic modernization. John P. Hardt. illus Parameters 1:43-53 Fall '71

Build-up of the Soviet economy to repulse aggression in 1939-41. MajGen Y. Nikitin. Soviet Mil Rev No. 3:40-42 Mar '71

Can't win for losing. Philip N. Whittaker. illus Review 51:21+ Jul-Aug '71

Caterpillar's Blackie: "The first obligation of government..." (Interview with William Blackie) C. W. Borklund. illus Govt Exec 3:48+ Feb '71

Clothing and Textiles Seminar. (DSA Convention, 1971) A. W. Anthony and others. illus Review 51:53-54+ Nov-Dec '71

Customer support for overseas naval contracts. C. G. Milner. illus Intl Def Rev 4:50-51 Feb '71

DOD passenger + scheduled air = big business. Col Joe O. Bellino. illus Translog 2:2-5 Sep '71

Defense and industry must do a better job. David Packard. illus Def Ind Bul 7:3-4 Fall '71

Doubts about technology: Are they valid? illus Space World H-8-92:14-16 Aug '71

Dutch factory gives new look to NATO's ammunition--solving modern warfare's fire problems. H. George Franks. illus NATO's Fifteen Nations 16:86-92 Aug-Sep '71

GAO report says defense profits less than on "comparable commercial work." James Hessman. tab Armed Forces J 108:20+ Apr 5 '71

Gen Brown says: Military achievements underrated. AF Times 31:21 Apr 28 '71

Government-industry technological cooperation. (Address, AFCEA, Washington, June 8, 1971) David R. Hull. Signal 25:49-50 Aug '71

How Holland helps to put NATO on wheels--DAF's versatility and inventiveness. H. George Franks. illus NATO's Fifteen Nations 16:92-98 Oct-Nov '71

Industrial preparedness planning. LtCol Robert A. Kemp. illus Mil Engr 63:79-81 Mar-Apr '71

Industry--future for defense R&D. Govt Exec 3:25 Jul '71

Making logistics cost less. (Address, National Aerospace Services Assoc Symposium, Dayton, Ohio, March 25, 1971) Gen Jack G. Merrell. AF Plcy Ltr for Comdrs: Sup No. 5:16-21 May '71

Military communications--harbinger of the future. MajGen Gordon T. Gould, Jr. Signal 25:32-34 Jan '71

Military industrial complex. Thomas I. Dickson, Jr. illus Mil Rev 51:25-35 Dec '71

The military industrial complex in perspective. Maj C. J. Wolk. illus tab MarCor Gaz 55:36-44 Aug '71

The military/industry doctrine--change and progress. (Address, AFCEA, Washington, June 8, 1971) William H. Graham. illus Signal 25:20-22 Aug '71

More communications for the DOD dollar. (Address, AFCEA, Washington, June 10, 1971) Barry J. Shillito. illus Signal 25:24-26 Aug '71

INDUSTRY AND DEFENSE - Continued

- The need for closer relations between defence and industry. Reginald Verdon-Smith. Royal United Svc Instn J 116:12-16+ Mar '71
- The need for teamwork. David Spear. Ordnance 56:206-208 Nov-Dec '71
- Partnership in disaster preparedness. John E. Davis. illus Def Ind Bul 7:10-11 Winter '71
- Physical security, emergency preparedness protect industrial facilities. John C. Adsit. illus Def Ind Bul 7:38-41 Spring '71
- Planning for performance. Maj Nelson O. Conner, Jr. illus Ordnance 55:545-547 May-Jun '71
- The procurement jungle. Claude Witze. Aerosp Intl 7:10-12 Dec '71; AF Mag 54:10-12 Dec '71
- Production and support (in Defense acquisition). Barry J. Shillito. illus Def Ind Bul 7:6-8 Fall '71
- Profit--policy changes coming up. Govt Exec 3:26-27 Apr '71
- Profits--and the big game hunt. (Interview with Jack S. Parker) illus Govt Exec 3:24-27 Nov '71
- RCA Alascom takes over the ACS (Alaska Communication System). illus Signal 25:24-26 May '71
- Selling jet engines--who says they're better? (Interview with General Electric's Gerhard Neumann) illus Govt Exec 3:14-15 Jan '71
- Small firms thrive. AF Times 32:26 Oct 13 '71
- Something borrowed... something new? ('Spin-offs') RADM Francis J. Fitzpatrick. Signal 25:19-20 Jan '71
- Soviet military-economic complex. Konstantin K. Krylov. illus Mil Rev 51:89-97 Nov '71
- A "stop-and-think" look at the military industrial complex. Col William L. Strand. Persp in Def Mgt, pp 57-63, Autumn '71
- Systems engineering in Army Aviation. Truxtun R. Baldwin. illus chart Army Log 3:8-11+ Nov-Dec '71

Teamwork for industrial preparedness. VADM Eli T. Reich. Ordnance 56:209-210 Nov-Dec '71

A tree grows in the Pentagon. Col John E. Bex. illus AU Rev 22:84-88 Mar-Apr '71

Where the defense industry is headed. Benjamin F. Schemmer and others. illus tabs Armed Forces J pt 1, What did the assault on the 'MIC' really cost? 108:24-27+ Mar 1 '71

INDUSTRY AND RESEARCH

New industrial revolution in space. David Dooling, Jr. illus (Also cutaway) Spaceflight 13:449-453 Dec '71

Research today--a shaky problem. Editorial. W. J. Baird. illus Signal 26:5 Dec '71

INDUSTRY AND STATE

Caterpillar's Blackie: "The first obligation of government..." (Interview with William Blackie) C. W. Borklund. illus Govt Exec 3:48+ Feb '71

The ecological crisis. Myron Tribus. illus Govt Exec 3:26-27 Dec '71

The government approach to the cargo security crisis. (Adapted from addresses, Joint Conference on the Cargo Security Crisis, Washington, June 17-18, 1971) Alan Bible and others. illus Translog 2:2-5+ Jul '71

INDUSTRY AND STATE - Continued

The need for closer relations between defence and industry. Reginald Verdon-Smith. Royal United Svc Instn J 116:12-16+ Mar '71

Needed: Basic federal procurement principles. Donald N. Pitts. illus Govt Exec 3:49+ Nov '71

The procurement jungle. Claude Witze. Aerosp Intl 7:10-12 Dec '71; AF Mag 54:10-12 Dec '71

Profits--and the big game hunt. (Interview with Jack S. Parker) illus Govt Exec 3:24-27 Nov '71

Whatever happened to enterprise? Douglas Grymes. illus Govt Exec 3:16-17 Apr '71

INERTIAL GUIDANCE

Army Inertial Guidance Management and Technology Center: Focal point of inertial research and development. John L. McDaniel. illus tab Def Ind Bul 7:12-14 Winter '71

INERTIAL NAVIGATION see Navigation, Inertial

INFANTRY

Armor for Infantry. Jac Weller. illus Ordnance 55:353-358 Jan-Feb '71

History

Infantry in retrospect. MajGen A. S. Newman, Ret. illus Infantry 61:6-11 Sep-Oct '71

France

The French Infantry. Maj J. R. S. Besly. Army Qtr 101:350-356 Apr '71; Condensation. Mil Rev 51:72-78 Oct '71

Germany (Federal Republic)

Bundeswehr Infantry organization and tactics. Jac Weller. illus Mil Rev 51:82-93 Feb '71

Russia

In the wake of battle formations. LtCol A. Parshin. illus Soviet Mil Rev No. 1:21-23 Jan '71

United States

Combined arms training. Capt Patrick J. Donaldson. illus Armor 80:4-5 Jul-Aug '71

Don't forget the defense. Capt Lawrence D. Galehouse. illus Infantry 61:36-38 Nov-Dec '71

Dynamic training for rifle squads. Col John L. Osteen, Jr. illus Infantry 61:32-33 Nov-Dec '71

EIB (Expert Infantryman Badge)--the mark of a man. Lt Martin C. McWilliams. illus Soldiers 26:28-29 Jun '71

The FMF: An alternative future and how to get there. BrigGen F. P. Henderson, Ret. illus tabs charts MarCor Gaz 55:18-48 Jul '71

Follow 'em down--unit fragmentation. Capt Dennis D. Collins. illus Infantry 61:44-49 Sep-Oct '71

Improving the infantry image among today's ROTC cadets. Capt R. E. Morris. Army 21:56-57 Mar '71

Infantry in retrospect. MajGen A. S. Newman, Ret. illus Infantry 61:6-11 Sep-Oct '71

MISPC (Mechanized Infantry Squad Proficiency Course): A challenge for the squad leader. LtGen Robert C. Taber. illus Infantry 61:6-9 Jul-Aug '71

The Marine rifle squad. Capt Douglas C. MacCaskill. illus MarCor Gaz 55:40-43 Apr '71

INFANTRY - ContinuedUnited States - Cont'd

- Mech Infantry--what next? Capt Vernon W. Humphrey. illus Infantry 61:46-49 Jul-Aug '71
- Mechanized Infantry in Vietnam. LtCol William E. Klein. illus Infantry 61:18-21 Mar-Apr '71
- Platoon leaders: What makes them tick. 1stLt Robert K. Wight. illus Infantry 61:30-32 Mar-Apr '71
- ROTC to Infantry. Majs Ralph E. Newman and Clayton A. Pratt. Infantry 61:27 Sep-Oct '71
- The rifle squad: A disappointing element. Capt Michael Foster. illus Armor 80:50-53 Sep-Oct '71
- Tank killers. Capt Walter E. Brinker, Jr. illus Infantry 61:12-15 Jul-Aug '71
- Teamwork--the key. Capt Stephen R. Haney. illus Infantry 61:34-36 Nov-Dec '71
- Vietnam report. Col Lawrence L. Mowery. illus Infantry 61:39-45 Jan-Feb '71
- Where does the Infantry go from here? MajGen Orwin C. Talbott. illus Army 21:34-39 Jul '71

Equipment

- Infantry combat vehicles. Richard M. Ogorkiewicz. illus Infantry 61:46-49 Jan-Feb '71

History

- History of the 'crossed muskets.' 2dLt J. Clark Kaskie. illus Infantry 61:49 Nov-Dec '71

INFANTRY CENTERS AND SCHOOLSUnited States

- Computer assisted instruction (at Infantry School, Fort Benning, Ga). 1stLt Thomas H. Dodds. illus Infantry 61:18-19 Sep-Oct '71
- Over, under, through--and away. (Obstacle courses at Infantry School, Fort Benning, Ga) Lt Martin C. McWilliams, Jr. illus Soldiers 26:28-31 Sep '71
- Super instructors aid students at USAIS (U.S. Army Infantry School, Fort Benning, Ga). Capt Terence J. Kennedy. illus Infantry 61:14-16 Nov-Dec '71

Vietnam (Republic)

- Vietnam Armed Forces Infantry School. Col Donald H. Lanier. illus Infantry 61:42-43 Sep-Oct '71

INFLIGHT REFUELING see entry under In-Flight as two words

INFORMATION PROGRAMS

- The problem of communicating. BrigGen Alan C. Edmunds and others. (Reprinted from Air Force Policy Letter for Commanders, June 15, 1971) AF Pley Ltr for Comdrs: Sup No. 8:22-24 Aug '71

Air Force

- Understanding the Air Force mission. (Text of letter, June 11, 1971, to commanders of major commands and separate operating agencies). Gen John C. Meyer. AF Pley Ltr for Comdrs: Sup No. 8:2-3 Aug '71

INFORMATION STORAGE AND RETRIEVAL SYSTEMSSee also

- Electronic Data Processing Systems
Management Information Systems
Microfilm and Microfilm Records
Punched Card Systems

INFORMATION STORAGE AND RETRIEVAL SYSTEMS - Continued

- Computerized trauma registry: A new method for categorizing physical injuries. D. R. Boyd and others. illus tabs Aerosp Med 42:607-615 Jun '71
- Computers serving communications. (Address, AFCEA, Washington, June 10, 1971) William H. C. Higgins. illus Signal 25:81-86 Aug '71
- (Crystal that stores hologram images that can be read by laser) Signal 25:110 Aug '71
- Microfilm system beats the information explosion. Rita M. Vining. illus Army Log 3:19-21 Nov-Dec '71
- Oceans--waves of data collected (in Navy's environmental protection program). illus Govt Exec 3:35 Nov '71

INFRARED DETECTORS

- A camera is a camera is a sensor. LtCol Wilbur A. Glass and MSgt James Grady. illus Signal 25:32-34 Mar '71
- Seeing the invisible--thermal image viewers turn night into day. W. Leibson and others. illus Army Dig 26:24-28 Apr '71

INFRARED RADIATION

- Tactical electronic warfare. Paul S. Handzel. illus tab Elect Warfare pt 1, 3:15+ Winter '71; pt 2, 3:12+ Spring '71
- Thermovision and disease diagnostics. M. M. Miroshnikov and Yu. S. Chernyayev. illus Aerosp Med 42:746-749 Jul '71

INLAND NAVIGATION see WaterwaysINOUE, Daniel K.

- New special pay for military lawyers under Pirnie/Inoue plan. James Hessman. tabs Armed Forces J 108:28-29 May 3 '71

INSECTS

- A bug for accuracy (the Black Widow spider). Lt Harry J. Kingdom. illus Army Dig 26:24-25 Feb '71
- Insect control. TIG Brief 23:11 Apr 23 '71
- The taming of the screwworm (Project Coronet Roundup). Capt Gary A. Guimond. illus Airman 15:26-29 Oct '71

INSIGNIASee also

- Airplanes, Military--Insignia

Air Force--U.S.

- Air University--25th anniversary. illus USAF Instrs J 9:36-37 Summer '71
- (Insignia of) USAF's major commands and separate operating agencies. Color photos only. AF Mag 54:54-55 May '71
- Miniature grade insignia approved: Testing slated. AF Times 32:8 Dec 15 '71
- Plastic collar rank okayed for airmen. AF Times 31:2 Feb 24 '71
- Symbolic message. illus USAF Instrs J pt 1, 9:36-38 Fall '71
- Uniform additions discourages--revised manual (AFM 35-10) gives criteria. AF Times 32:10 Oct 6 '71

INSIGNIA - ContinuedArmy--U. S.

- Artillery branches out. Janice McKenney. illus Soldiers 26:14-15 Dec '71
- Development of the Army War College Coat of Arms. illus Parameters 1:78-79 Fall '71
- Distinctive insignia. Col Eugene F. Ganley. illus Soldiers 26:18-19 Jun '71
- E. C. I. B. (Expert Combat Infantry Badge)? SGM Walter E. Brunty. illus Infantry 61:37 Sep-Oct '71
- EIB (Expert Infantryman Badge)--the mark of a man. Lt Martin C. McWilliams. illus Soldiers 26:28-29 Jun '71

History

- Distinctive insignia. Col Eugene F. Ganley. illus Soldiers 26:18-19 Jun '71
- The eagle screams. Philip R. Smith, Jr. illus Soldiers 26:12-13 Jun '71
- History of the 'crossed muskets.' 2dLt J. Clark Kaskie. illus Infantry 61:49 Nov-Dec '71

United StatesHistory

- The eagle screams. Philip R. Smith, Jr. illus Soldiers 26:12-13 Jun '71

INSPECTIONSee also

Airplanes, Military--Inspection

- Drug hunt allows opening of letters. AF Times 31:6 Jul 7 '71

Air Force

- AGE (Aerospace Ground Equipment) inspections. TIG Brief 23:2 Nov 19 '71
- The best way. (Techniques in making more effective inspections) TIG Brief 23:3 Jul 23 '71
- The Chief of Staff (Gen John D. Ryan) speaks out on inspections. TIG Brief 23:2 Jul 2 '71
- Command inspection system. TIG Brief 23:9 Jun 18 '71
- Communications--electronics quality control. TIG Brief 23:11 Mar 12 '71
- Customs inspection of unaccompanied baggage containing explosives. TIG Brief 23:16 May 7 '71
- Deficiency analyses and trends. TIG Brief 23:10 Mar 26 '71
- Disaster preparedness. TIG Brief 23:7 May 21 '71
- Do any of these "shoes" fit? TIG Brief 23:2 Nov 5 '71
- Evaluation function of the flight management program. TIG Brief 23:2 Apr 9 '71
- Inspection for maximum effort. TIG Brief 23:2 Feb 26 '71
- Inspection ordered for 15th AF dorms. AF Times 31:5 Jul 21 '71
- Inspection preparation for operations. TIG Brief 23:10 Apr 9 '71
- Inspection reg clarified--ease, but don't end. AF Times 31:3 Aug 4 '71

INSPECTION - ContinuedAir Force - Cont'd

- Inspector General evaluates program management. LtCol William L. Haygood. illus Def Ind Bul 7:51-53 Summer '71
- No notice inspections--the key to excellence. TIG Brief 23:3-4 May 21 '71
- Nondestructive inspection program. TIG Brief 23:14 Mar 12 '71
- ORI. Regular feature in issues of Interceptor
- Preventing deficiencies, avoiding recurrence. TIG Brief 23:2 Jan 15 '71
- Putting first things first. TIG Brief 23:2 Feb 12 '71
- Safe conduct of rescue capability exercises. TIG Brief 23:4 Apr 9 '71
- Sampling as an inspection technique. TIG Brief 23:5 Mar 12 '71
- Sloppiness in job areas hit. AF Times 31:11 Mar 3 '71
- Staff teamwork. TIG Brief 23:14 Jul 2 '71
- "Super" inspections? TIG Brief 23:2 Apr 23 '71
- Unannounced exchange inspections initiated. Armed Forces J 108:15 Mar 15 '71
- Unit and individual inspections. TIG Brief 23:9 Mar 12 '71
- Why the reply (to an inspection report)? TIG Brief 23:4 Aug 27 '71

Armed Forces

- Customs getting tougher--new screening set up. AF Times 31:16 Jun 2 '71
- Exchange officials set no-notice store visits. AF Times 31:36 Mar 31 '71

Army

- Unannounced exchange inspections initiated. Armed Forces J 108:15 Mar 15 '71

INSPECTOR GENERALAir Force

- IG assistants hear gripes. AF Times 32:17 Dec 29 '71
- IG scores commanders delegating discipline job. AF Times 32:10 Dec 1 '71
- IG uncovers false reports. AF Times 32:15 Dec 22 '71
- Inspection for maximum effort. TIG Brief 23:2 Feb 26 '71
- Inspector General activities. TIG Brief 23:6 Oct 22 '71
- The Inspector General complaint system. TIG Brief 23:7-8 May 7 '71
- Inspector General evaluates program management. LtCol William L. Haygood. illus Def Ind Bul 7:51-53 Summer '71
- The Inspector General--'eyes and ears' for the chief. AF Times 32:59 Aug 18 '71
- Wells, strict IG retires in August (and promotions and reassignments announced). AF Times 31:8 Jul 28 '71

National Guard--Air Force

- ANG base contracts draw (National Guard) Bureau's fire. AF Times 32:58 Dec 1 '71

INSTRUCTIONAL MATERIALS CENTERS

Help at the learning center (U. S. Army Aviation School, Fort Rucker, Ala). Lt John H. Zwarensteyn. illus USA Avn Dig 17:26-28 Apr '71

Learning center approach. Capt Jack A. Romines. illus USAF Instrs J 8:7-11 Spring '71

Super instructors aid students at USAIS (U.S. Army Infantry School, Fort Benning, Ga) Capt Terence J. Kennedy. illus Infantry 61:14-16 Nov-Dec '71

INSTRUCTOR PILOTS

Complacency and the instructor pilot. Richard K. Bell. illus USA Avn Dig 17:60-62 Feb '71

F-4 instructors' instructors trained at Luke (AFB, Ariz). illus AF Times 32:26 Dec 22 '71

IP responsibilities rest with Randolph (AFB, Tex). AF Times 32:2 Dec 8 '71

Instructor recognition. (ATC selects year's outstanding pilot, navigator instructors: Capt Harvey B. Cox III, Maj Donald G. Plummer) illus USAF Instrs J 9:2 Fall '71

The MAC Instructor Pilot School (Altus AFB, Okla). illus MAC Flyer 18:14-16 Feb '71

The magic words. Capt Thomas F. Menza. USAF Instrs J 8:29-32 Spring '71

Tools of the trade. LtCol Louis A. Wootton. USAF Instrs J 8:47-50 Spring '71

Who put the gear down? illus USA Avn Dig 17:50-53 Jul '71

INSTRUCTORS see Teachers and Teaching

INSTRUMENT FLYING

Automatic flight--an introduction. Max Nibloe and others. illus Interavia 26:1141-1144 Oct '71

Automatic flight--the American view. illus tab Interavia 26:1145-1147 Oct '71

Boeing 747 certificated for Cat III. illus Interavia 26:1303-1305 Nov '71

Cat(egory) Two and you. Maj Edward H. Josephson. illus tab MAC Flyer 18:21-23 Jun '71

Circling approach. illus tabs map Approach 16:9-12 Jun '71

Instrument training... confidence and safety. Capt Arturo E. Grandinetti. USA Avn Dig 17:30-31 Apr '71

Modern instrument flying (AFM 51-37). TIG Brief 23:11 Dec 31 '71

SR-71 at Mach 3.0 cruise. Col Patrick J. Halloran. illus tab AF Mag 54:62-64+ Sep '71

Safe instrument flight. illus Approach 16:1-7 Apr '71

Throw a nickel on the grass. (Teaching angle of attack) Maj Paul S. Lasen. illus Aerosp Safety 27:6-8 Oct '71

Uneasy rider. illus Approach 16:14-15 Apr '71

History

Doolittle's instrument first--it was Jimmy Doolittle, famous daredevil racing pilot, who first proved that blind flying was possible. C. V. Glines. illus Combat Crew 22:8-12 Dec '71

INSTRUMENT FLYING - ContinuedStudy and Teaching

College of instrument knowledge (USAF Instrument Pilot Instructor School, Randolph AFB, Tex). Cpts Robert J. McCusker and Philip A. Merkel. illus USAF Instrs J 8:38-42 Spring '71

The IPIS (Instrument Pilot Instructor School) approach. Regular feature in issues of Aerospace Safety

Two distinct "clicks." Capt William J. Ely, Jr. illus USA Avn Dig 17:19-21 Jan '71

INSTRUMENT LANDING SYSTEMS see Automatic Landing Systems

INSTRUMENTS

See also specific kinds of instruments, e.g.,

Aeronautical Instruments	Navigation Instruments
Altimeters	Sensors
Compasses	Telescopes

For local pollution fighters, few problems are theoretical. Samuel Stafford. illus Govt Exec 3:65-66 Nov '71

I-J band avalanche diode oscillator, using a detector mount. Marvin Ryken and Frank Fleischer. illus Elect Warfare 3:16-17+ Winter '71

Mission to Hadley-Apennine (landing site for Apollo 15). illus Spaceflight 13:45-46 Feb '71

INSURANCE

Fast car buyers warned. Bob Schweitz. AF Times 31:1+ Apr 21 '71

Four firms cover CHAMPUS 'gap.' AF Times 31:4 May 12 '71

Insurance improved for separatees. AF Times 31:21 Apr 7 '71

Insurance to stay high in Germany. Larry Phillips. AF Times 32:15 Dec 15 '71

TROA (Retired Officers Association) to offer insurance for actives' dependents. AF Times 32:58 Nov 17 '71

INSURANCE, LIFE

Added insurance authority asked by VA. AF Times 32:6 Oct 27 '71

Boost in DIC voted. AF Times 32:2 Nov 24 '71

Disabled apply for VA insurance at record rate. AF Times 31:A3 Jun 23 '71

History of GI insurance. AF Times 32:51 Dec 8 '71

Increase in DIC okayed. tab AF Times 32:2 Dec 15 '71

Insurance dividends set mark. AF Times 31:15 Jan 6 '71

Insurance firms accredited o'sea. tab AF Times 31:43 Jul 7 '71

Record insurance dividends to be paid by VA in 1971. Officer 47:24 Feb '71

Servicemen's group life insurance regulation (AFR 211-5) revised. TIG Brief 23:7 Nov 5 '71

VA request extension of insurance to cadets. AF Times 31:A4 Jun 23 '71

Viet veteran insurance nears OK. AF Times 32:26 Oct 20 '71

INSURANCE, LIFE - Continued

Your future as a veteran. illus tabs AF Times pt 1, Yes, vets, some do care. Larry Carney. 32:5-6 Oct 13 '71; pt 2, On-duty Transition does help. Bob Schweitz. 32:5-6 Oct 20 '71; pt 3, VA benefits aren't automatic. Bill Drach and Louis Dorsch. 32:42-43 Oct 27 '71; pt 4, GI Bill 'student body' growing. Larry Carney. 32:42-43 Nov 3 '71; pt 5, Vet unemployment dips. Larry Carney. 32:41-42 Nov 10 '71; pt 6, Disability pay confusing. Mel Jones. 32:46-47 Nov 17 '71; pt 7, VA caters to 'new vet.' George Marker. 32:43-44 Nov 24 '71; pt 8, GI home buying gets new life. George Marker. 32:45-46 Dec 1 '71; pt 9, SGLI conversion tips. Bill Kreh. 32:50-51 Dec 8 '71; pt 10, The beneficiary snag. Ruth Chandler. 32:37 Dec 15 '71; pt 11, How 'bout the Reserves. Ed Gates. 32:30-31 Dec 22 '71; pt 12, Dear Congressman. Robert S. Horowitz. 32:29 Dec 29 '71

INSURGENCY

Insurgency: Origins and the nature of the beast. (Lecture, School of Naval Command and Staff, 1971?) Lyman B. Kirkpatrick. illus Nav War Col Rev 23: 67-75 May '71

Insurgent tactics. Maj D.M.O. Miller. illus maps chart Army Qtr pt 1, 101:44-55 Oct '70; pt 2, 101:226-236 Jan '71

The role of Communist ideology in insurgency. Charles A. Russell and Maj Robert E. Hildner. AU Rev 22:42-48 Jan-Feb '71

Urban insurgency in Latin America--its implications for the future. Charles A. Russell and Maj Robert E. Hildner. illus AU Rev 22:54-64 Sep-Oct '71

INTEGRATED LOGISTIC SUPPORT

A cost effective approach to integrated logistics support. Stanley Duhan and Daniel J. Million. illus tab Log Spectrum 5:12-17 Fall '71

Cost reduction: A by-product of well managed maintenance. H.R. Lopez. illus Log Spectrum 5:36-38 Winter '71

Costing logistics support for the Scout. illus Army Log 3:12-13+ May-Jun '71

Design for support--integrated logistics support for FAMECE (FAMily of Engineer Construction Equipment). Maj Vernelle T. Smith and William G. Scott. illus Army Log 3:18-21 Sep-Oct '71

Designing for logistics support. Robert Drake. illus tab Log Spectrum 5:2-7 Spring '71

Improved effectiveness through maintenance communications. Stanley Duhan and Daniel J. Million. Log Spectrum 4:14-17 Winter '70

Integrated logistics support and life cycle management. Lew Williams. Log Spectrum 5:8-9+ Spring '71

Landing force logistics. MajGen Herman Poggemeyer, Jr. illus Def Ind Bul 7:18-21 Fall '71

Optimal test sequencing in independent serial systems. R.L. Street and others. illus tabs Log Spectrum 5:26-29 Fall '71

Organizing for support of the product (at Grumman). Edward Dalva. illus charts Log Spectrum 5:2-8 Winter '71

The real issues of logistics support. Col Edward R. Fallon, Jr. illus Log Spectrum 5:6-11 Fall '71

INTELLIGENCEGreat BritainHistory

Sidelights on Wilton Park. L. St Clare Grondona. illus Royal United Svc Instn J 115:34-37 Dec '70

Israel

Zionism's espionage network. Col N. Nikitin. Soviet Mil Rev No. 3:53-55 Mar '71

Russia

U.K. and spies. LtGen Ira C. Eaker, Ret. AF Times 32:13 Oct 27 '71

United States

Acquisition of information concerning persons and organizations not affiliated with DOD. TIG Brief 23:9-10 Jul 23 '71

Better deal for service spooks? Armed Forces J 109:16+ Dec '71

Ervin charges 'danger' in spying on civilians. AF Times 31:3 Mar 10 '71

Military investigative activities. (Statement to news-men, Feb 18, 1970) Robert F. Froehlke. AF Plcy Ltr for Comdrs: Sup No. 7:29-32 Jul '71

Political snooping? Not by AF. George Foster. AF Times 32:13 Aug 18 '71

President orders intelligence shifts. AF Times 32:5 Nov 24 '71

(Reorganization of the U.S. intelligence community) LtGen Ira C. Eaker, Ret. AF Times 32:13 Dec 1 '71

INTELLIGENCE, MILITARYSee also

Vietnamese Conflict, 1957- --Intelligence Operations

Study and Teaching

See all, tell all. CW3 John T. Grantham. illus Army Dig 26:45-47 Mar '71

Great BritainOrganization

Central Recon Establishment deactivated. illus Tac Air Recon Dig 5:7-9 Feb '71

United StatesSee also

Defense Intelligence Agency

Acquisition of information concerning persons and organizations not affiliated with DOD. TIG Brief 23:9-10 Jul 23 '71

Air Force technical intelligence. Col Robert B. Kalisch. illus AU Rev 22:2-11 Jul-Aug '71

Better deal for service spooks? Armed Forces J 109:16+ Dec '71

Corps coastal survey teams. CWO Jerry E. Bunting. MarCor Gaz 55:50-51 Jun '71

DOD tightens civilian control over intelligence, but no reorganization. George Weiss. Armed Forces J 108:10-11 Mar 1 '71

Ervin charges 'danger' in spying on civilians. AF Times 31:3 Mar 10 '71

INTELLIGENCE, MILITARY - ContinuedUnited States - Cont'd

- Intelligence gap. Capt Alan M. Russo. illus Infantry 61:20-22 Sep-Oct '71
- Intelligence gets civilian control. AF Times 31:33 Mar 10 '71
- Intelligence training. TIG Brief 23:13 May 7 '71
- Management of Air Force intelligence production. TIG Brief 23:3 Dec 3 '71
- Military investigative activities. (Statement to news-men, Feb 18, 1970) Robert F. Froehke. AF Plcy Ltr for Comdrs: Sup No. 7:29-32 Jul '71
- President orders intelligence shifts. AF Times 32:5 Nov 24 '71
- Rx the insurgent: Locate, isolate, eradicate. LtCol John C. Gazlay. illus Armor pt 1, 80:38-43 Nov-Dec '71
- S2 + CO + AMC = KO - VC. Lt William R. Glazner. USA Avn Dig 17:2-5 Mar '71
- The Special Security Investigation Required (SSIR) program. TIG Brief 23:19-20 Feb 26 '71

Study and Teaching

- Beating the drum for intelligence. Capt Allan C. Bevilacqua. illus MarCor Gaz 55:33-36 Sep '71

INTER-AMERICAN DEFENSE BOARD

- The Inter-American Defense Board. Col Francis H. Wetland. chart illus AU Rev 23:21-31 Nov-Dec '71
- They plan hemisphere defense--AF's (LtGen) LeBailly heads Board. Ed Gates. illus AF Times 32:10 Dec 22 '71

INTER-AMERICAN DEFENSE COLLEGE

- The Inter-American Defense Board. Col Francis H. Weiland. chart illus AU Rev 23:21-31 Nov-Dec '71

INTERCEPTION OF AIRCRAFT see Airplanes, Military --InterceptionINTERCOMMUNICATIONS SYSTEMS

- A solution to wire pollution--Versatile Interior Multiplex Systems (VIMS). J. Ohlhaber. illus Signal 25:6-8 Apr '71
- USAF communications support for Apollo 14. illus Signal 25:29-32+ Jul '71

INTERCONTINENTAL BALLISTIC MISSILES see MissilesINTERDICTION

- The F-111: The swing-wing may surprise you yet. George Weiss. illus tab Armed Forces J 108: 22-25 Jul 19 '71
- The impact of allied air interdiction on German strategy for Normandy. Robert E. Schmaltz. illus Aerosp Hist 17:153-155 Dec '70
- Interdiction--a dying mission? Capt Robert O. Heavner. illus AU Rev 22:56-59 Jan-Feb '71
- Remotely piloted aircraft: Not drones--a pilot flies them, low cost, higher performance against heavily defended targets. George Weiss. illus Armed Forces J 108:22-24+ May 17 '71
- The uncertainty of predicting results of an interdiction campaign. Robert E. Schmaltz. illus map Aerosp Hist 17:150-153 Dec '70

INTERDICTION - ContinuedHistory

- The irresistible weapon. Maj Theodore Vander Els. illus Mil Rev 51:80-90 Aug '71

INTERNATIONAL AIR TRANSPORT ASSOCIATION

- The airline industry and its profitless growth. Edgar E. Ulsamer. illus Aerosp Intl 7:6-10 Jan-Feb '71
- Are tariff changes the solution? Interavia 26:893 Aug '71
- Pillars of world transport. (Member companies of the International Air Transport Assoc) Tables only. Interavia 26:1277-1286 Nov '71
- A time for realism--state of the airline industry. M. Nibloe. illus tabs Interavia 26:1245-1248 Nov '71

INTERNATIONAL ASTRONAUTICAL FEDERATION

- The 21st International Astronautical (Federation) Congress (Constance, Germany, Oct 4-10, 1970). Spaceflight 13:265-268 Jul '71
- 22d International Astronautical Federation Congress (Brussels, Sep 20-25, 1971). illus Interavia 26: 1410-1411 Dec '71

INTERNATIONAL CIVIL AVIATION ORGANIZATION

- ICAO reports on world air transport. Interavia 26:894 Aug '71

INTERNATIONAL COOPERATIONSee also

- Aircraft Industry and Trade--International Aspects
Aviation--International Aspects
Aviation, Commercial--International Aspects
Nuclear Power--International Aspects
Space--International Aspects
- The Atlantic Alliance: Its present problems and its aims. Nuri Birgi. NATO's Fifteen Nations 15: 31-33+ Dec '70-Jan '71
- Britain and a European security conference. D. C. Watt. illus Royal United Svcs Inst for Def Studies J 116:35-38 Jun '71
- The Inter-American Defense Board. Col Francis H. Weiland. chart illus AU Rev 23:21-31 Nov-Dec '71
- International security assistance--the forward look in international logistics. (Proposed new International Security Assistance Act) illus charts Army Log 3:4-7+ Nov-Dec '71
- A joint weapons program. Col A. C. Smith, Jr. MarCor Gaz 55:16 Dec '71
- (Needed: A legal framework for one world of communications) Robert W. Sarnoff. Signal 26:59 Oct '71
- New U.S.-Europe weapons partnership? Brooke Nihart. illus Armed Forces J 108:28-29 May 17 '71
- Northrop's P-530/complementary to MRCA, not competitive. Armed Forces J 108:14 Mar 1 '71
- OTOMAT: French-Italian anti-ship missile. illus Armed Forces J 108:17 Apr 5 '71
- SHAPE: Bulwark of defense--a lesson in cooperation. Col Robert K. Sawyer. illus NATO's Fifteen Nations 16:49-64 Feb-Mar '71
- Soviet-American co-operation in space. Interavia 26:218 Mar '71
- "Soviet military strength is enormous and growing steadily." (Interview with Britain's Lord Carrington) illus Govt Exec 3:49-51 Dec '71

INTERNATIONAL COOPERATION - Continued

Space age nation building. Col Robert E. Button, Ret. map illus Signal 25:28-31 Feb '71

(Standardization of Greenwich Mean Time and International Atomic Time) Signal 25:68 Apr '71

To prevent a world wasteland. George F. Kennan. (Condensed from Foreign Affairs, April 1970) illus Mil Rev 51:23-34 Jan '71

U.S. oceanic programs and policy. (Lecture, Naval War College, 1970) A. Denis Clift. illus Nav War Col Rev 23:24-30 Jan '71

INTERNATIONAL LAW

An alternative to the Connally reservation. Col William E. LeGro. illus Parameters 1:29-37 Spring '71

Asylum denied: The Vigilant incident. (Research paper, School of Naval Warfare, 1971) Col Clyde R. Mann. illus Nav War Col Rev 23:4-31 May '71

The executive agreement in United States practice. Col Everett G. Hopson. illus AF JAG L Rev 12:252-263+ Fall '70

Foreign taxes on overseas activities of the Defense Department. Maj Peter D. Ehrenhaft. illus AF JAG L Rev 12:290-297 Fall '70

International law and basic human rights. (Lecture, Naval War College, 1971?) Rita E. Hauser. illus Nav War Col Rev 23:51-58 Jun '71

International law and the world community: The meaning of words, the nature of things, and the face of the international order. (Lecture, Naval War College, 1970?) Louis F. E. Goldie. illus Nav War Col Rev 23:8-20 Feb '71

Judgment on the firing line. SP5 Tom Bailey. illus Soldiers 26:4-7 Aug '71

The laws of air warfare: Are there any? Col Hamilton DeSaussure, Ret. illus AF JAG L Rev 12:242-251 Fall '70; Lecture, Naval War College. Nav War Col Rev 23:35-47 Feb '71

Legal aspects of the refusal of asylum by U.S. Coast Guard on 23 November 1970. Louis F. E. Goldie. illus Nav War Col Rev 23:32-40 May '71

(Needed: A legal framework for one world of communications) Robert W. Sarnoff. Signal 26:59 Oct '71

A plea of superior orders. CDR M. L. Duke. illus MarCor Gaz 55:34-39 Mar '71

The problem of foreign civil litigation and the United States Air Force. Maj A. J. Butler. illus tabs AF JAG L Rev 12:264-275 Fall '70

The soldier and law of war. Capt Robert E. Jenkins, Jr and 1st Lt Martin C. McWilliams, Jr. illus Infantry 61:22-25 Nov-Dec '71

Where does killing end and murder begin in war? Col Robert B. Rigg, Ret. illus Mil Rev 51:3-9 Mar '71

INTERNATIONAL LOGISTICS NEGOTIATIONS see Arms SalesINTERNATIONAL POLITICS

International law and the world community: The meaning of words, the nature of things, and the face of the international order. (Lecture, Naval War College, 1970?) Louis F. E. Goldie. illus Nav War Col Rev 23:8-20 Feb '71

Limited war. Seymour J. Deitchman. illus tabs Mil Rev 51:3-16 Jul '71

INTERNATIONAL POLITICS - Continued

Politico-economic world developments as they affect NATO nations in the 1970's. (Address, Allied Command Atlantic Naval Symposium, SACLANT Hq, Norfolk, Va, Nov 4, 1970) Walt W. Rostow. illus Nav War Col Rev 23:4-13 Apr '71

Strategic "superiority" in superpower relations. Colin S. Gray. illus Mil Rev 51:8-21 Dec '71

War and politics. Col T. Kondratkov. illus Soviet Mil Rev No. 10:4-6 Oct '71

Zionist provocateurs. V. Laptev. illus Soviet Mil Rev No. 11:50-52 Nov '71

INTERNATIONAL RELATIONS

See also subdivision Foreign Relations under

Compliance with USAF Foreign Clearance Guide (FCG). TIG Brief 23:10 Apr 23 '71

The defence of merchant shipping. L. W. Martin. illus NATO's Fifteen Nations 16:28-33 Oct-Nov '71

Détente and security: The options. Theo Sommer. illus NATO's Fifteen Nations 15:78-84 Dec '70-Jan '71

East-West--the twain have met. (Adapted from Dillingham Lecture, Center for Cultural and Technical Interchange Between East and West, Honolulu, Nov 11, 1970) Lee Kuan Yew. illus Mil Rev 51:76-83 Jul '71

Future trends in global strategies. Brig K. Hunt. illus NATO's Fifteen Nations 15:66-71 Dec '70-Jan '71

Intervention versus nonintervention. CDR Richard T. Ackley, Ret. illus Mil Rev 51:77-82 Nov '71

NATO in the development of mutually acceptable security arrangements between East and West. Brig W. F. K. Thompson, Ret. illus NATO's Fifteen Nations 15:87-90+ Dec '70-Jan '71

The national-liberation movement at the present stage. G. Mirsky. illus Soviet Mil Rev No. 10:49-52 Oct '71

Politico-economic world developments as they affect NATO nations in the 1970's. (Address, Allied Command Atlantic Naval Symposium, SACLANT Hq, Norfolk, Va, Nov 4, 1970) Walt W. Rostow. illus Nav War Col Rev 23:4-13 Apr '71

Red shadow over Asia. ADM John S. McCain, Jr. Ordnance 55:431-435 Mar-Apr '71

Requests for foreign operating and military rights. TIG Brief 23:25 Mar 12 '71

The strategic world of 1946. Herman S. Wolk. illus AF Mag 54:72-73+ Feb '71

A strategy of sufficiency. Thomas R. Pickering. illus Ordnance 56:38-42 Jul-Aug '71

A time of challenge. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Gen James H. Polk, Ret. illus Armor 80:28-30 Jul-Aug '71

Will we snatch defeat from the jaws of victory? (Lecture, Naval War College, 1971) Walt W. Rostow. illus Nav War Col Rev 24:3-18 Sep '71

History

Franklin had a word for it. Reginald Hargreaves. Army Qtr 101:178-185 Jan '71

INTERNATIONAL TELECOMMUNICATIONS SATELLITE CONSORTIUM

The global satellite communications system. illus map tabs Interavia 26:1165-1168 Oct '71

INTERNATIONAL TELECOMMUNICATIONS SATEL- LITE CONSORTIUM - Continued

INTELSAT 4. illus (Also cutaways) Space World
H-4-88:4-9 Apr '71

Proposed new INTELSAT agreement. illus Interavia
26:779 Jul '71

Prospects of INTELSAT 4. Spaceflight 13:15 Jan '71

INTERPLANETARY FLIGHT see Space Flight also space flights to specific planets, e. g., Space Flight to Mars Space Flight to the Moon Space Flight to Venus

INTERROGATION

Counter insurgency--the problem of prisoners. Simon
Hutchinson. Royal United Svcs Inst for Def Studies
J 116:48-51 Sep '71

Handling and interrogation of prisoners of war. Maj
Karl L. Chapman. illus Infantry 61:53-54 Jul-
Aug '71

Language training for interrogators. Maj Frank J.
Lennartz. illus MarCor Gaz 55:39-43 Feb '71

Sidelights on Wilton Park. L. St Clare Grondona.
illus Royal United Svc Instn J 115:34-37 Dec '70

Where is the enemy? (Prisoner interrogation and
map-tracking) Maj Robert M. Herrick. illus Army
21:46-49 Jun '71

INTERSERVICE COOPERATION

AMTAG (Air Movements Tactical Airlift Group)
agency ensures high degree of readiness. E. R.
Reed. Tac Alft 1:25-26 Jul '71

The Academy's alpine sailors (Navy officers at
USAF). PHC James E. Markham. illus Airman
15:41 Aug '71

Active Army and Guard units again pair-up as
"Roundout" takes a long stride. Natl Guardsman
25:40 Nov '71

Air Support Command--its role and capability. AM
Harry Burton. illus Royal United Svcs Inst for Def
Studies J 116:5-12 Sep '71

"Clay pigeons" for the Army (NM ANG). illus Natl
Guardsman 25:17 Jul '71

Continuity of cooperation. Col I. Vorobyov. illus
Soviet Mil Rev No. 3:9-12 Mar '71

The Information Exchange Program. Phillip E. Good-
win. illus AF Compt 5:29 Jul '71

Joint maritime operations and training in the 1970s.
VAdm Ian McGeoch. illus Royal United Svc Instn J
115:11-18 Dec '70

TRI-TAC communications commonality. Armed
Forces J 108:16-18 Mar 15 '71

Two oceans--four continents, with HMM-365. Lt
Jerry L. Jochims. illus MarCor Gaz 55:31-34
May '71

History

Army/Air co-operation, 1939-1943. LtCol C. E.
Carrington. illus Royal United Svc Instn J 115:
37-41 Dec '70

INTERSERVICE RIVALRY

Army and Navy will develop own HLHs (Heavy Lift
Helicopters)--if congressional criticism satisfied.
Brooke Nihart. illus Armed Forces J 108:28-29+
Jun 7 '71

INTERSERVICE RIVALRY - Continued

Close air support for the U.S. Armed Forces. illus
Intl Def Rev 4:433 Oct '71

Credibility gap opens as foes unite against sealfit
merger. James D. Hessman. Armed Forces J
109:12+ Nov '71

Each U.S. Service has its own views on close air
support. illus Interavia 26:1034 Sep '71

New plan for F-14/F-15 shootout? Armed Forces J
108:15-16+ Apr 19 '71

New shipbuilding programs fail to halt precipitous
decline in sealfit capabilities. James Hessman.
tab illus Armed Forces J 108:25-27+ Apr 5 '71

Up from the ground or down from the sky? Cheyenne
vs AX. Eric C. Ludvigsen. illus Army 21:49-51
Jul '71

INTERVENTION

Intervention versus nonintervention. CDR Richard
T. Ackley, Ret. illus Mil Rev 51:77-82 Nov '71

INVENTIONS

To build a better mouse trap. SP5 Peter Herrick.
illus Army Dig 26:32-35 Jan '71

INVENTORIES

Air Force inventory of real property. TIG Brief 23:22
Oct 8 '71

Air Force parts control program. LtCol Gordon L.
Carpenter. illus Def Ind Bul 7:26-29 Fall '71

Bankruptcy and the FMF commander. Maj L. J.
Scolforo, Jr. illus MarCor Gaz 55:21-26 Apr '71

Management of equipment assets. TIG Brief 23:16
Apr 23 '71

Using actual lead times in determining optimum in-
ventory levels. Roger T. Scaggs. tab Log Spec-
trum 5:9-11 Summer '71

ION PROPULSION

SERT 2 report. Spaceflight 13:163 May '71

IONOSPHERE see Atmosphere, Upper

IRBY, Richard L.

MajGen Irby to head VMI. Armor 80:63 May-Jun '71

IRELAND

Ireland and then? John Biggs-Davison. illus NATO's
Fifteen Nations 16:70-74 Aug-Sep '71

IRRADIATION see Radiation

IRWIN, James B.

Walk on the moon. Interview. Col James Irwin. por
Aerosp Safety 27:2-5 Nov '71

ISRAEL

Israel beyond cease-fire. WgComdr Maharaj K.
Chopra, Ret. illus Mil Rev 51:12-19 Apr '71

Foreign Policy

Israel's neo-colonialist designs in Africa. V. Sidenko.
illus Soviet Mil Rev No. 7:47-49 Jul '71

Zionism's espionage network. Col N. Nikitin. Soviet
Mil Rev No. 3:53-55 Mar '71

Zionist provocateurs. V. Laptev. illus Soviet Mil Rev
No. 11:50-52 Nov '71

ISRAEL - ContinuedForeign Relations

War and peace: The prospects for the Middle East
(Interview with Yitzhak Rabin) Laslo Boyd. illus
Govt Exec 3:34-36 Dec '71

Africa

Israel's neo-colonialist designs in Africa. V. Sidenko.
illus Soviet Mil Rev No. 7:47-49 Jul '71

Arab States

Movement to contact. Capt R. E. Mattingly. illus
MarCor Gaz 55:39-45 Jun '71

ISRAEL - ContinuedForeign Relations - Cont'dArab States - Continued

The prospects for peace in the Middle East. (Andover
Prize Essay, 1971) LtCol P. M. El Fata. illus Hawk
No. 32:31-38 Feb '71

Watch on the Suez. William Beecher. illus tab Army
pt 1, Egypt's noisy silent partner. 21:10-13
Nov '71; pt 2, Israel weighs the options. 21:28-32
Dec '71

History

Israel at war. Brig Cyril N. Barclay. illus Army 21:
40-45 Sep '71

JUMPS see Joint Uniform Military Pay System

JACKSON, Alexander, Jr

ROA backs DOD survivors benefits bill in general but takes exception to four of its provisions. RADM Alexander Jackson, Jr. Officer 47:24 Sep '71

JACKSON, Richard H.

The original ADM Jackson. John Foland. por Navy 14:30-33 Mar '71

JAMES, Daniel, Jr

Chappie James presents DFC (Distinguished Flying Cross) to son, Viet FAC. AF Times 31:33 Jan 13 '71

Chappy James honored. AF Times 31:46 Mar 3 '71

JAPAN

Japan's military goal--building a strong defense. Ronald Golden. illus Aerosp Intl 7:26-27+ Mar-Apr '71

Japan's role: A view from the mainland. William Saywell. (Condensed from International Journal, Summer 1971) illus map Mil Rev 51:56-66 Nov '71

Economic Conditions

Economic imperatives influencing Japan's military force levels. CDR Lewis E. Connell. illus tab Nav War Col Rev 24:49-54 Nov '71

Japan: Her role in world affairs. (Lecture, Naval War College, 1971?) H.E. Nobuhiko Ushiba. illus Nav War Col Rev 23:14-21 Apr '71

Relationship between Japan and the United States--impact on the Asian-Pacific Region. Nobuhiko Ushiba. illus AU Rev 22:2-16 Sep-Oct '71

The resurgence of Japanese sea power. Niu Sien-Chong. illus tab NATO's Fifteen Nations 16:70-75+ Oct-Nov '71

Economic Policy

A balance of priorities--defense and economic growth in Japan. Richard Halloran. illus Navy 14:10-14+ Apr '71

Economic imperatives influencing Japan's military force levels. CDR Lewis E. Connell. illus tab Nav War Col Rev 24:49-54 Nov '71

Foreign Economic Relations

Japan: Her role in world affairs. (Lecture, Naval War College, 1971?) H.E. Nobuhiko Ushiba. illus Nav War Col Rev 23:14-21 Apr '71

Relationship between Japan and the United States--impact on the Asian-Pacific Region. Nobuhiko Ushiba. illus AU Rev 22:2-16 Sep-Oct '71

Foreign Policy

Economic imperatives influencing Japan's military force levels. CDR Lewis E. Connell. illus tab Nav War Col Rev 24:49-54 Nov '71

Heirs to the Samurai. Col A. Yevdokimov. Soviet Mil Rev No. 3:56-57 Mar '71

Japan: Her role in world affairs. (Lecture, Naval War College, 1971?) H.E. Nobuhiko Ushiba. illus Nav War Col Rev 23:14-21 Apr '71

Foreign Relations

Asia, Southeastern

Japan and Southeast Asia. Niu Sien-Chong. illus map Mil Rev 51:63-71 Oct '71

JAPAN - Continued

Foreign Relations - Cont'd

China (People's Republic)

Japan's role: A view from the mainland. William Saywell. (Condensed from International Journal, Summer 1971) illus map Mil Rev 51:56-66 Nov '71

United States

Japan: Her role in world affairs. (Lecture, Naval War College, 1971?) H.E. Nobuhiko Ushiba. illus Nav War Col Rev 23:14-21 Apr '71

Japan's Maritime Self-Defense Force: An appropriate maritime strategy? LCDR James E. Auer. illus map tab Nav War Col Rev 24:3-20 Dec '71

Okinawa prepares for its return. Paul A. Neuland. illus Army Dig 26:56-60 Mar '71

Relationship between Japan and the United States--impact on the Asian-Pacific Region. Nobuhiko Ushiba. illus AU Rev 22:2-16 Sep-Oct '71

JEFFERSON, Thomas

Mr Jefferson's mothball fleet. John P. Sinnott. por Navy 14:22-27 Apr '71

JET ENGINES

Continuing development of the GE CF6-50. K. Merten-Feddeler. illus tab Interavia 26:1380-1381 Dec '71

Development of two new turbojets: General Electric TF34 and R-R/SNECMA M45H. illus tab Interavia 26:822-823 Jul '71

Engines: Increased power and reduced dimensions. (Exhibits at Paris Air Show, 1971) illus Interavia 26:796-798 Jul '71

French research in jet engine silencing: Action against aircraft noise. Jacques Spincourt. illus Interavia 26:1376-1377 Dec '71

The General Electric F101 augmented turbofan. J. Philip Geddes. illus Interavia 26:1187-1188 Oct '71

Historical highlights of the Viper. illus (Also cutaways) Interavia 26:63-65 Jan '71

The NASA quiet engine programme: Action against aircraft noise. James J. Kramer. tabs illus (Also cutaway) Interavia 26:1373-1375 Dec '71

Pegasus jets for Marine Harriers assured despite Rolls-Royce troubles. Armed Forces J 108:16 Feb 15 '71

The progress of the L-1011. Aerosp Intl 7:37 Jan-Feb '71

Proper siting of power check pads and jet engine test stands with sound suppressors. TIG Brief 23:13 Feb 26 '71

Rolls-Royce: Troubled but tenacious. Stefan Geisenheyner. illus Aerosp Intl 7:38-41 Jan-Feb '71

Selling jet engines--who says they're better? (Interview with General Electric's Gerhard Neumann) illus Govt Exec 3:14-15 Jan '71

Studies of Concorde's characteristics: Action against aircraft noise. illus Interavia 26:1378-1379 Dec '71

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospacc International; some issues of Air Force Magazine

JET ENGINES - ContinuedMaintenance and Repair

Don't smother 'em, mother 'em! Maj David G. Atkins. illus Combat Crew 22:12-15 Feb '71

The hero worker. Harold Poehlmann. illus tab Aerosp Safety 27:26-28 Mar '71

Propulsion branch management. TIG Brief 23:13-14 Dec 3 '71

Special subject for inspection--jet engine antifriction bearings. TIG Brief 23:2 Jan 29 '71

Testing

Computers aid tests. AF Times 32:17 Dec 29 '71

(Quiet engine program) Signal 26:58 Dec '71

JOB ANALYSIS

The Marine Corps task analysis program. Col Roy R. Van Cleve. illus Armed Forces Compt 16: 24-27 Winter '71

JOHNSON, Gerald W.

Olympic Arena '71. MajGen Gerald W. Johnson. illus Combat Crew 22:4-6 Apr '71

The strategic triad. MajGen G.W. Johnson and others. illus Ordnance 55:343-346 Jan-Feb '71

JOHNSON, Harold R.

Computer-communications technology: A new way (RhoData) to cut costs. C.W. Borklund. por Govt Exec 3:40-42 Jan '71

JOHNSON, James E.

President Nixon names two new assistant secretaries; Hull takes Army post, James Johnson moves to Navy. por Officer 47:5-6 Jun '71

JOHNSON, Leon W.

Why Ploesti? Gen Leon W. Johnson. por AF Mag 54:56 Aug '71

JOINT CHIEFS OF STAFF

The JCS challenge. Capt Robert S. Ballagh, Jr. illus Mil Rev 51:25-34 Apr '71

JCS defend budget. LtGen Ira C. Eaker, Ret. AF Times 31:13 Apr 14 '71

Robert McNamara's impact on the budget strategies of the Joint Chiefs of Staff. Lawrence J. Korb. illus Aerosp Hist 17:132-136 Dec '70

The Secretary of Defense and the Joint Chiefs of Staff: Conflict in the budgetary process, 1947-1971. Lawrence J. Korb. illus Nav War Col Rev 24:21-42 Dec '71

JOINT FORCES

This term applies to forces of one country only. For information on forces of two or more allied countries see Combined Forces.

United States

Hickam (AFB, Hawaii) TACPs ready to deploy. Sgt Jim Julien. illus AF Times 31:32 Feb 3 '71

JOINT OPERATIONS

This term applies to operations of one country only. For information on operations of two or more allied countries see Combined Operations.

See also specific exercises and/or operations by name

JOINT OPERATIONS - Continued

Active Army and Guard units again pair-up as "Roundout" takes a long stride. Natl Guardsman 25:40 Nov '71

Active Army, Guard and Reserve make Roundout a success. LtCol William V. Kennedy. illus Armor 80:18-24 Nov-Dec '71

Air Guard begins trial run of Operation "Creek Guardlift." Natl Guardsman 25:15 Apr '71

Air Guard work trips to Hawaii--'challenging and rewarding.' Maj W. A. Grant. illus Air Reservist 23:10-11 Apr '71

Air Guardsmen support Alaskan Operation (Punch Card 14). Natl Guardsman 25:29-30 Jun '71

Alaskan 'invasion' stopped (in joint Army-Air Force Exercise Ace Card Bethel). AF Times 32:50 Dec 1 '71

Army Guardsmen make big leap into exotic types of training. Natl Guardsman 25:20+ Jul '71

Brass Strike VIII tests AF, Army units. AF Times 32:46 Oct 6 '71

Crews wind up Korea Exercise (Freedom Vault). AF Times 31:8 Mar 17 '71

Deployed to West Germany, Arizona Guard MPs say "We know what we've got to do." SP4 Paul Schatt. Natl Guardsman 25:38-39+ Nov '71

Ember Dawn III. illus Air Reservist 23:4-5 Oct '71

Eskimo Scouts teach Arctic skills to "regulars." illus Natl Guardsman 25:32-33 Mar '71

(Exercise) Guard Thunder (tactical system training program). illus Air Reservist 23:8-9 Nov '71

F-105s and Phantoms end Alaska Exercise (Punch Card 13). AF Times 31:36 Mar 10 '71

Firefighters included in Alaskan Exercise (Punch Card 12). Natl Guardsman 25:39 Mar '71

Joint maritime operations and training in the 1970s. VAdm Ian McGeoch. illus Royal United Svc Instn J 115:11-18 Dec '70

MAC airlifts soldiers to Germany (in Exercise Reforger III). AF Times 32:45 Oct 13 '71

McChord (AFB), Fort Lewis (Wash) put crews in cold water. AF Times 32:40 Sep 22 '71

Maj (Clint Hanna) moves an Army. Sgt Steve Gordenier. AF Times 32:33 Dec 22 '71

A matter of survival. (Exercise Winter Wind '71) illus Natl Guardsman 25:18-19 May '71

Mutual support. Maj Charles Robertson. illus Soldiers 26:5-6 Dec '71

Naval Reserve: Hawaii 4.0. CAPT Harvey H. Meeker, Jr. illus US Nav Inst Proc 97:58-61 Nov '71

(Operation) Bold Venture. Capt Peter Augustus III. illus Air Reservist 23:10-11 Mar '71

Operation Crossroads--the Bikini A-bomb tests, 1946. Col Kenneth L. Moll. illus map AF Mag 54: 62-69 Jul '71

Paratroopers pair-up with 82d Airborne--Texans literally leap into training. illus Natl Guardsman 25:6-7 Oct '71

Pentagon's "fire brigade" (Strike Command). MajGen R. Simonyan. illus Soviet Mil Rev No. 1:53-55 Jan '71

JOINT OPERATIONS - Continued

The Pineapple Airlift (Operation Opportune Journey).
illus Air Reservist 23:8-9 Jul '71

A 'ready now' force. 1stLt Luther L. Walker. illus
Natl Guardsman 25:2-8 Dec '71

SNOW TIME (SAC/NORAD Operational Weapons
Training/testing Involving Military Electronics)
are good. Maj Morris C. Blumenthal, Jr. illus
Combat Crew 22:12-15 Jun '71

Sentry Guard Strike III. illus Air Reservist 23:12-13
Oct '71

Services test off-shore unloading of containerships.
illus Translog 2:10 Mar '71

Special Forces troopers test skills. Capt Reece Stein.
illus Natl Guardsman 25:36-37+ Nov '71

Strike Command tested on tactical air support (Exer-
cise Bold Shot-Brim Fire). AF Times 32:45
Nov 24 '71

Strike Exercise (Sentry Guard Strike III) draws
30,000. AF Times 32:57 Sep 1 '71

Summer 1971 happenings. illus Air Reservist 23:6-11
Oct '71

Tactical airpower demonstrated in (Exercise) Exotic
Dancer. illus Tac Alft 1:27 Jul '71

There's really only 'one Army'--"AT" in West
Germany convinces New Mexicans. 2dLt Donald R.
Nichols. illus Natl Guardsman 25:4-5 Oct '71

\$38.5 million set for (field flying) exercises in 72.
AF Times 32:4 Aug 18 '71

Tri-service weather team operates on Hawaii (to
support Operation Commando Elite). AF Times
32:35 Dec 22 '71

Two oceans--four continents, with HMM-365. Lt
Jerry L. Jochims. illus MarCor Gaz 55:31-34
May '71

Weather Exercise (Gale Wrath 2-71) held in Canal
Zone. AF Times 31:39 Apr 21 '71

JOINT UNIFORM MILITARY PAY SYSTEM

Leave records merging (at AF Accounting and Finance
Center). AF Times 32:6 Sep 29 '71

Navy JUMPS at Navy Finance Center Cleveland.
CDR James R. Johnson. illus Armed Forces
Compt pt 1, JUMPS: Past, present and future.
16:22-26 Summer '71; pt 2, The continuing system.
16:4-6+ Fall '71

Pay today. illus Soldiers 26:12-14 Jul '71

JONES, David C.

Holzapple retires, (LtGen David C.) Jones gets
USAFE, (and other star retirements and assign-
ments announced). por AF Times 32:4 Aug 18 '71

JONES, Don A.

Geodesy and the coastal zone. RADM Don A. Jones.
illus map Mil Engr 63:183-185 May-Jun '71

The National Ocean Survey. por Mil Engr 63:401-402
Nov-Dec '71

JONES, Joe C.

The impact of technology on management. Joe C.
Jones. illus Def Mgt J 6:16-18 Feb '71

JORDAN

Civil war in Jordan. Maj Edgar O'Ballance. illus map
MarCor Gaz 55:23-26 Mar '71

Jordanian civil war. Neville Brown. illus map Mil
Rev 51:38-48 Sep '71

JUDGE ADVOCATE GENERALAir Force

BrigGen Harold R. Vague, the Assistant Judge Advo-
cate General, USAF. illus AF JAG L Rev 13:165-
166 Summer '71

(Capt Russell D. Thompson receives Albert M. Kuhfeld
Award as AF's outstanding young JA for 1970.)
illus AF JAG L Rev 13:167 Summer '71

The commander and his legal adviser. TIG Brief 23:1
Mar 26 '71

The commander's legal adviser. TIG Brief 23:15
Apr 23 '71

Court-martial experiment to cut 'influence' begins.
Jim Sample. AF Times 31:13 Jun 16 '71

Fewer AFROTC lawyers can win slots as JAGs.
Jim Sample. AF Times 31:1+ May 12 '71

LITE--Legal Information Thru Electronics. TIG
Brief 23:21 Dec 13 '71

Pay bills passed for JAGs, cadets. Jim Sample.
AF Times 31:1+ Aug 4 '71

Shortage of senior JAG officers grows. AF Times
32:24 Dec 1 '71

(SSgt Cecil White receives 1st Legal Services
Airman of the Year Award for 1970.) illus AF JAG
L Rev 13:168 Summer '71

USAF judiciary pilot project. TIG Brief 23:5 Jul 2 '71

Armed Forces

House panel acts on lawyers' pay bill. Armed
Forces J 108:16-17 Jul 5 '71

House unit okays lawyer pro pay. AF Times 31:4
Jun 23 '71

Army

Judgment on the firing line. SP5 Tom Bailey. illus
Soldiers 26:4-7 Aug '71

JUNGLE WARFARE

Jungle fighters (in China-Burma-India theater, 1944).
Philip R. Smith, Jr. illus Army Dig 26:10-13
May '71

Jungle warfare. LtCol J. P. Cross. Army Qtr 101:
323-329 Apr '71

Tiger of the mountain. (Marine Corps in second
Nicaraguan campaign) 2dLt Scott W. McKenzie.
illus MarCor Gaz 55:38-42 Nov '71

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K P (Kitchen Police) see Food Service

KALERGIS, James G.

Packaging and Materials Handling Seminar. (DSA Convention, 1971) MajGen J. G. Kalergis and others. por Review 51:43+ Nov-Dec '71

KAMAN AEROSPACE CORP

Navy jury rigs a LAMPS. Armed Forces J 108:16 Mar 15 '71

KASTL, Joseph W.

Antimilitarism in the Age of Aquarius. Maj Joseph W. Kastl. illus AU Rev 23:32-38 Nov-Dec '71

KELLER, Robert P.

Four Communist nations pose threats in Pacific. (From address, ROA National Convention, San Diego, Calif, June 17-19, 1971) MajGen R. P. Keller for ADM John S. McCain. Officer 47:6 Aug '71

KELLEY, Roger T.

And of course...people. Roger T. Kelley. por Armed Forces Compt 16:17-20+ Spring '71

DOD readies proposals to improve service life. Interview. Roger T. Kelley. AF Times 31:15 Jan 6 '71

Defense manpower. Interview. Roger T. Kelley. por Govt Exec 3:55+ Apr '71

Kelley defends decision for Army-only bonuses. AF Times 31:8 Mar 3 '71

Kelley panel approves recomputation compromise. tab Armed Forces J 109:20-21 Nov '71

Kelley panel hears arguments on recomputation. James D. Hessman. Armed Forces J 108:15-16 Jun 7 '71

Kelley panel meets on recomp and survivor, disability benefits. Armed Forces J 108:12-13 Apr 19 '71

Reserve Forces termed greatest security bargain. AF Times 32:18 Dec 1 '71

Reserve jobs pushed for vets--added pay, benefits proposed. AF Times 31:6 Aug 4 '71

KENNEDY, John F.

Man of the Year, 1962. Claude Witze. por AF Mag 54:16-18 Sep '71

Public diplomacy and the missiles of October. (Research paper, College of Naval Warfare, 1971) G. Scott Sugden. illus map Nav War Col Rev 24:28-43 Oct '71

KENT, Glenn A.

Decision-making. MajGen Glenn A. Kent. illus AU Rev 22:62-65 May-Jun '71

Kent to get 3d star: 7 (general) officers to move up. AF Times 32:2 Oct 27 '71

KEPLER, Johannes

Kepler's laws & the Mars orbiters. John R. Millburn. illus tab Spaceflight 13:422-426 Nov '71

KEPNER, William E.

Our first long step into space. (National Geographic Society's balloon flights, 1934-1935) LtCol John H. Scrivner, Jr. illus AF Mag 54:58-64 Oct '71

KEPNER, William E. - Continued

The saga of Explorer I: Man's pioneer attempts to reach space. William E. Kepner and John H. Scrivner, Jr. por Aerosp Hist 18:123-128 Sep '71

KIDD, Isaac C., Jr

New chief of NMC slated--ADM Kidd (and other re-assignments and retirements announced). L. Edgar Prina. por Navy 14:30 May '71

KING, Ernest J., Jr

Navy Sundowner par excellence. ADM J. J. Clark, Ret. por US Nav Inst Proc 97:54-59 Jun '71

KING, William G., Jr

Firm (Aerojet ElectroSystems Co) appoints 'space' general. AF Times 31:37 Jun 9 '71

Space pioneer retires. AF Times 31:29 Apr 28 '71

KINGS POINT ACADEMY see Merchant Marine Academy, Kings Point, NY

KINGSLEY, Earl J., II

Communicate. Ch(LtCol) Oscar L. Sylwester and Ch(Maj) Earl J. Kingsley. USAF Instrs J 8:38-42 Winter '70-'71

KISLING, Richard D.

Heavy schedule set up for Harlow's successor (as CMSAF, CMSgt Richard D. Kisling). por AF Times 32:21 Aug 25 '71

Meet the chief. por Airman 15: inside front cover Oct '71

KLOCKO, Richard P.

The changing DOD communications-electronics environment. LtGen Richard P. Klocko and MajGen Anthony T. Shtogren. por Signal 25:60-61+ Jun '71

Signal interviews LtGen Richard P. Klocko. Signal 26: 6-7 Sep '71

2 generals retiring: Gould to move up (and other re-assignments announced). AF Times 31:5 May 26 '71

KOREA

History

Restraints on air power in limited war: Japan vs USSR at Chankufeng, 1938. Alvin D. Coox. illus map Aerosp Hist 17:118-126 Dec '70

Military Occupation, Allied

Brotherhood is the name of the game. Capt Robert P. Everett. illus Airman 15:18-22 Aug '71

Changing the guard in Korea. William Beecher. illus Army 21:18-23 Jan '71

Kicked to death by a rabbit. (AF personnel in Korea) Capt Everett P. Everett. illus Airman 15:11-16 Aug '71

Korea: Post-Pueblo. Capt Robert P. Everett. Airman 15:9-10 Aug '71

Loneliest outpost (United Nations Command, DMZ, Korea). SP5 Stephen N. Gall. illus Soldiers 26: 36-37 Aug '71

My desk is in North Korea. Capt Robert P. Everett. illus Airman 15:4-8 Aug '71

Two-star diplomat (MajGen Felix M. Rogers). (Senior member on the (U.N.) Military Armistice Commission, Korea) Capt Robert P. Everett. illus Airman 15:17 Aug '71

KOREA (REPUBLIC)Economic Conditions

Korean modernization. Joungwon Alexander Kim.
(Condensed from Journal of Comparative Administration, Nov 1970) illus Mil Rev 51:83-92 May '71

Politics and Government

Korean modernization. Joungwon Alexander Kim.
(Condensed from Journal of Comparative Administration, Nov 1970) illus Mil Rev 51:83-92 May '71

Strategic Importance

Korea: The Nixon doctrine at work. Gen John H. Micaelis. illus Army 21:64-70 Oct '71

KOREAN WAR, 1950-1953Aerial Operations, American

A Corsair pilot reminisces. CDR Guy P. Bordelon, Ret. illus Approach 16:40-43 May '71

KOREAN WAR, 1950-1953 - ContinuedCasualties

U.S. trying to trace 389 missing since Korea War. AF Times 31:15 Jan 27 '71

Personal Narratives

A Corsair pilot reminisces. CDR Guy P. Bordelon, Ret. illus Approach 16:40-43 May '71

Prisoners of War

U.S. trying to trace 389 missing since Korea War. AF Times 31:15 Jan 27 '71

KOSTER, Samuel W.

Thundering silence, instead of a public accounting. Editorial. Benjamin F. Schemmer. Armed Forces J 108:4 Feb 15 '71

KRULEWITCH, Melvin L.

Belleau Wood. MajGen M. L. Krulewitch. por MarCor Gaz 55:18-22 Nov '71

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LEAA see Law Enforcement Assistance Administration

LABOR-MANAGEMENT RELATIONS

- Improving labor-management relations in government. A. Di Pasquale. illus Def Mgt J 6:19-22 Feb '71
- Labor-management relations in the Air Force. Col Joseph E. Hearn. illus AU Rev 22:27-33 Jan-Feb '71
- Labor-management relations in the Air Force. Maj Bernard Wray. illus AF JAG L Rev 13:12-29 Winter '71
- Letter from London: Britain gets more but pays less. illus NATO's Fifteen Nations 16:12-16 Feb-Mar '71
- The sociological aspects of containerization. J. Ph. Backx. illus Def Trans J 27:42-45 May-Jun '71
- Waterfront strikes require traffic management changes. Translog 2: inside back cover Oct '71

LABOR SUPPLY see Manpower

LABOR UNIONS

- Improving labor-management relations in government. A. Di Pasquale. illus Def Mgt J 6:19-22 Feb '71
- Labor-management relations in the Air Force. Col Joseph E. Hearn. illus AU Rev 22:27-33 Jan-Feb '71
- Labor-management relations in the Air Force. Maj Bernard Wray. illus AF JAG L Rev 13:12-29 Winter '71
- Lowering construction costs. TIG Brief 23:16 Mar 12 '71
- Waterfront strikes require traffic management changes. Translog 2: inside back cover Oct '71

LABORATORIES

See also specific types of laboratories, e. g., Aerospace Laboratories
Air Mobility Research and Development Laboratories
Medical Laboratories

- AF Human Resources Laboratory. illus Contact 25:2-7 Jan-Feb '71
- (Air Force Avionics) Lab orbits 4 satellites--inflatable spheres. AF Times 32:30 Sep 15 '71
- Base support photographic laboratories. TIG Brief 23:23-24 Mar 12 '71
- Despite numbing cold, research helps the Army operate. (U. S. Army Cold Region Research and Engineering Laboratory) Benjamin S. Yamashita. illus Soldiers 26:50-51 Oct '71
- Engineers of the environment. (Civil Engineering Division, Air Force Weapons Laboratory, Kirtland AFB, NM) A1C Dave Cole. illus Airman 15:25-28 Jan '71
- Feeding man in space. (Developments from Natick Laboratories) H. A. Hollender and Mary V. Klicka. (Adapted from Review, Jan-Feb 1970) illus Army Log 3:24-27+ Nov-Dec '71
- More mileage than programmed from military R&D (at Air Force Materials Laboratory). Alan M. Lovelace. illus AU Rev 22:14-23 Mar-Apr '71
- On a clear day. Capt Gary A. Guimond. illus Airman 15:21-24 Jan '71

LABORATORIES - Continued

- Path to tomorrow (Air Force Human Resources Laboratory). MSgt Loren B. Leonberger. Airman 15:31-34 Oct '71
- Researchers (at AF Human Resources Laboratory) study 150 'people programs.' AF Times 32:10 Aug 18 '71
- LAFAYETTE ESCADRILLE
- More about the Escadrille. Col Carl Dolan. Aerosp Hist 17:156 Dec '70
- LAIRD, Melvin R.
- Background to the Laos operation. (Statement before Senate and House Armed Services Committees, Washington, Feb 9, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 4:23-26 Apr '71
- Beyond Vietnam. (Address, American Newspaper Publishers Assoc Luncheon, New York, April 21, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 6:12-17 Jun '71
- Big cut would hurt force--Laird. AF Times 31:8 Jul 14 '71
- Concepts for defense planning. (Excerpts from Defense Posture Statement) Melvin R. Laird. Def Ind Bul 7:5-8 Spring '71
- Culebrans win; Navy to be out by 1975. Armed Forces J 108:12 Apr 19 '71
- Defense and the economy. (Excerpts from Defense Posture Statement) Melvin R. Laird. tabs Def Ind Bul 7:23-25 Spring '71
- Defense budget highlights. (Approach to FY 1972-1976 program and FY 1972 budget. Excerpts from Defense Posture Statement) Melvin R. Laird. por Def Ind Bul 7:1-31 Spring '71
- Extra, Strike Command. illus Navy 14:36-37 Jul-Aug '71
- FY 1972 Defense RDT&E program: Research and development in U. S. Defense Posture. John S. Foster, Jr. illus tab Def Ind Bul 7:1-7 Summer '71
- Force planning under the new strategy. (Excerpts from Defense Posture Statement) Melvin R. Laird. illus tabs Def Ind Bul 7:12-20 Spring '71
- Laird asks draft laws to stave off 'instability.' AF Times 31:4 Aug 4 '71
- Laird awaits outcome of 'zero draft.' AF Times 32:3 Aug 18 '71
- Laird orders 'crackdown' on Rand Corp security. Armed Forces J 108:15-17 Jul 19 '71
- Laird outlines five-year plan--bigger Reserve role eyed. AF Times 31:4 Mar 24 '71
- Laird pledges raises in '72. AF Times 31:1+ Jan 6 '71
- Laird sees changes in strategy. AF Times 31:8 Jan 13 '71
- Laird sees difficulty in all-vol for SEA. AF Times 31:19 Apr 28 '71
- Mr Laird and the no war strategy for the 1970s. Lloyd Norman. por Army 21:14-23 Feb '71
- The outlook brightens. Natl Guardsman 25:12 Apr '71

LAIRD, Melvin R. - Continued

- The plight of our POWs/MIAs. (Address, 28th Annual Convention of National Religious Broadcasters, Washington, Jan 26, 1971) Melvin R. Laird. AF Ploy Ltr for Comdrs: Sup No. 3:23-27 Mar '71
- President, SecDef declare war on heroin. Armed Forces J 108:17-18 Jul 5 '71
- Proxmire-Mathias defeated; DOD "saves" 1.7-million jobs. Armed Forces J 108:13-15 Jul 19 '71
- 'Realistic deterrence.' Editorial. John L. Frisbee. por AF Mag 54:4+ Apr '71
- Realistic deterrence and new strategy. Col Kenneth L. Moll. illus AU Rev 23:2-12 Nov-Dec '71
- SecDef orders all-out effort to improve race relations. Armed Forces J 108:13-14 Mar 15 '71
- Secretary Laird: Reserve equipment problems are current and serious. Melvin R. Laird. Officer 47:11 May '71
- Six years of untiring, unselfish, and effective service. (Melvin Laird's tribute to Stanley Resor) illus Armed Forces J 108:16 Jul 19 '71
- "This year--our own strategies." Interview. Melvin R. Laird. por Govt Exec 3:35+ Apr '71
- Threats: At home and abroad. Claude Witze. illus AF Mag 54:14-16 Jun '71
- Threats to U.S. and Free World security. (Excerpts from Defense Posture Statement) Melvin R. Laird. illus Def Ind Bul 7:8-11 Spring '71
- Toward a strategy of realistic deterrence--strategy overview. (Excerpts from Defense Posture Statement) Melvin R. Laird. Def Ind Bul 7:3-4 Spring '71
- Toward better management of human, material and economic resources--organization and management. (Excerpts from Defense Posture Statement) Melvin R. Laird. Def Ind Bul 7:21-23 Spring '71
- Value and cost of the Reserves: Laird-Nixon policy. Editorial. illus Officer pt 1, 47:6 Nov '71; pt 2, 47:6+ Dec '71
- What is Mr Laird up to ? LtGen Ira C. Eaker, Ret. AF Times 32:13 Nov 10 '71
- Women will train for all specialties. AF Times 31:3 Jun 2 '71

LAND BRIDGE see RailroadsLAND WARFARE

- The soldier and law of war. Capt Robert E. Jenkins, Jr and 1stLt Martin C. McWilliams, Jr. illus Infantry 61:22-25 Nov-Dec '71

Study and Teaching

- Judgment on the firing line. SP5 Tom Bailey. illus Soldiers 26:4-7 Aug '71

LANDING GEAR see Airplanes, Military--Landing Gear; Helicopters, Military--Landing GearLANDING OPERATIONS see Amphibious OperationsLANGSAM, Walter C.

- Of arms and the man. (Address, President's Review, University of Cincinnati, May 27, 1971) por AF Mag 54:54-55 Aug '71

LANGUAGE AND LANGUAGESStudy and Teaching

- Communication for command and community. (Language Training Section at SHAPE) David H. Ellis. illus NATO's Fifteen Nations 16:41-48 Aug-Sep '71
- Hanscom (Field, Mass) 'university' teaches languages. AF Times 31:38 May 19 '71
- Language training for interrogators. Maj Frank J. Lennartz. illus MarCor Gaz 55:39-43 Feb '71
- Translating and Interpreting
- Interpreter. Capt David O. Treadwell. illus Armor 80:22-24 Mar-Apr '71
- Translation requirements in field activities. TIG Brief 23:3 Jun 18 '71

LANGUAGE SCHOOLSArmed ForcesSee also

Defense Language Institute

LAOS

- Background to the Laos operation. (Statement before Senate and House Armed Services Committees, Washington, Feb 9, 1971) Melvin R. Laird. AF Ploy Ltr for Comdrs: Sup No. 4:23-26 Apr '71
- Battle for control of Ho Chi Minh trail. George Weiss and others. illus Armed Forces J 108:18-22 Feb 15 '71
- Enemy death toll five-to-one in Laos. AF Times 31:2 Apr 14 '71
- Support by FACs found vital to success in Laos. AF Times 31:21 May 26 '71

LARKIN, Claude A.

- In the air with MAG (Marine Aircraft Gp)-21. LtGen Claude A. Larkin. por MarCor Gaz 55:33-35 Nov '71

LASERS

- An advanced fire control system. Richard M. Ogorkiewicz. illus Armor 80:28-31 Jan-Feb '71
- (Crystal that stores hologram images that can be read by laser) Signal 25:110 Aug '71
- Laser for growth B-1? Armed Forces J 108:20-21 Jul 19 '71
- The laser: Today and tomorrow. Col Y. Kosyrev. illus Soviet Mil Rev No. 5:26-28 May '71
- Lasers unveil new industrial horizons--communications will be a significant one. Leon Shloss. illus Govt Exec 3:48-49+ Jul '71
- Light child of the atom. Sgt Dave Cole. illus Airman 15:40-43 Jun '71
- (Now possible to transmit one billion bits of information per second over a laser beam) Signal 25:61-62 Feb '71
- (Q-switched lasers protected from light back-scatter) Signal 26:57-58 Dec '71
- Smart bombs for cheap bombing. Armed Forces J 108:18-19 May 3 '71
- Wind tunnel test 'educates' bombs (at Arnold Engineering Development Center). AF Times 32:33 Dec 1 '71

LASHER, Edmund C. R.

(MajGen) Edmund C. R. Lasher (Ret). por Def
Trans J 27:22+ Sep-Oct '71

LATIN AMERICAHistory

Colossus of the South (Brazil). Norman A. Bailey.
illus Mil Rev 51:3-7 Dec '71

Herndon, Maury, and the Amazon Basin. James P.
Reddick, Jr. illus maps US Nav Inst Proc 97:56-63
Mar '71

Politics and Government

The role of military forces in Latin America. Norman
A. Bailey. illus Mil Rev 51:67-72 Feb '71

LAVELLE, John D.

Clay to command PACAF; Lavelle gets top SEA job
(and other star retirements and reassignments
announced). AF Times 31:3 May 19 '71

LAW see

Air Law	Military Law
International Law	Space Law

LAW ENFORCEMENT ASSISTANCE ADMINISTRATION

LEAA makes headway in enforcement, court reforms.
Samuel Stafford. illus Govt Exec 3:38-40 Feb '71

LAWS AND LEGISLATION

Bill would allow trials of veterans. AF Times 31:4
May 26 '71

Chances improve for early pay increase. Armed
Forces J 108:9-10 Mar 1 '71

Corroboration of confessions: The Oppen rule. Capt
John A. Cutts III. illus AF JAG L Rev 13:50-75
Winter '71

Cut budget ... raises ... probes--the year in Con-
gress. Bob Horowitz. AF Times 31:13 Jan 6 '71

An ephemeral survey of environmental law. Grant C.
Reynolds. illus AF JAG L Rev 13:169-183
Summer '71

House OKs bill to waive erroneous overpayments.
AF Times 31:10 Jun 2 '71

International security assistance--the forward look
in international logistics. (Proposed new Interna-
tional Security Assistance Act) illus charts Army
Log 3:4-7+ Nov-Dec '71

Job bill gives edge to veterans. AF Times 31:19
May 26 '71

Legislative report (on bills introduced in the 92d
Congress of interest of ROA members). Officer
47:24 Dec '71

The Merchant Marine Act of 1970. LTJG S. W. Emery,
Jr. illus tab US Nav Inst Proc 97:38-43 Mar '71

National Guard Association "Legislative Task Force"
swings into action. illus Natl Guardsman 25:22-23
Apr '71

Nonservice pensions increased. AF Times 31:51
Jan 13 '71

Proprietary jurisdiction. Capt Richard F. Papcun.
illus AF JAG L Rev 13:116-127 Spring '71

LAWS AND LEGISLATION - Continued

Public law and the military commander: Responsi-
bility and authority. (Address, Patrol Sq 26
Change of Command, 1971?) VADM Gerald E.
Miller. illus Nav War Col Rev 24:21-26
Oct '71

Reserve reliance boosted. AF Times 32:17 Oct 13 '71

Service bills in Congress. AF Times 32:54 Nov 3 '71

Survivor benefits raised--Nixon signs bill. AF Times
32:4 Dec 29 '71

What ROA is, seeks are most important elements of
legislative program. (Report to Executive Council
of ROA, Mid-Winter Conference, Washington, Feb
18-19, 1971) MajGen Donald S. Dawson. Officer
47:19+ Mar '71

LAWYERS

Commander's responsibility to military defense
counsel. TIG Brief 23:2 Mar 26 '71

EM get JAG aid off base. AF Times 32:2 Oct 6 '71

Fewer AFROTC lawyers can win slots as JAGs.
Jim Sample. AF Times 31:1+ May 12 '71

House panel acts on lawyers' pay bill. Armed
Forces J 108:16-17 Jul 5 '71

"I'm tremendously impressed"--a civilian lawyer
looks at military justice. (Interview with Melvin
Belli) SP5 Tom Bailey. illus Soldiers 26:38-43
Jul '71

LITE--Legal Information Thru Electronics. TIG
Brief 23:21 Dec 13 '71

New special pay for military lawyers under Pirnie/
Inouye plan. James Hessman. tabs Armed Forces J
108:28-29 May 3 '71

The role of trial counsel in sentencing proceedings.
Capt Thomas C. Morrison. illus AF JAG L Rev
13:30-43 Winter '71

Shortage of senior JAG officers grows. AF Times
32:24 Dec 1 '71

LEADERSHIPSee alsoCommand

The age of the young leader. R. A. Beaumont. illus
Royal United Svc Instn J 115:19-21 Dec '70;
Condensation. Mil Rev 51:33-39 Aug '71

The aggressive professional versus the passive non-
professional. Capt Joseph A. de Blaquiére. illus
Infantry 61:40-41 May-Jun '71

Applying leadership to people problems. (Remarks,
Travis AFB, Calif, July 7, 1971) Gen Jack J.
Catton. AF Plcy Ltr for Comdrs: Sup No. 9:29-31
Sep '71

Authority: The weakened link. LCDR Bill Clark Dean.
illus US Nav Inst Proc 97:48-52 Jul '71

The care & feeding of fighter pilots. (Reprinted from
Airscoop Magazine, July-Aug 1971) illus Inter-
ceptor 13:12-13 Nov '71

Demands of young need more 'aging.' Bruce
Callander. AF Times 32:13 Oct 20 '71

Discipline and dissent. (Address, North Carolina
State University, Raleigh, May 15, 1971) MajGen
R. N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No.
8:16-21 Aug '71

LEADERSHIP - Continued

- Discipline balance sought. Bruce Callander. AF Times 32:13 Nov 3 '71
- He's (SSgt Pedro Rivera-Berrios, Fort Davis, CZ) where it's at. SGM Harold S. Effron. illus Soldiers 26:30-34 Jun '71
- Impending crisis in Air Force leadership. Col Doyle E. Larson. illus AU Rev 23:13-20 Nov-Dec '71
- Indicators of trouble. LtCol William E. Haas. illus Mil Rev 51:20-24 Apr '71
- The kaleidoscope of command. LtCol Paul E. Wilson. illus MarCor Gaz 55:37-41 Jan '71
- The leader emerges. Maj W. Glen Emery. (Reprinted from Military Review, May 1970) USAF Instrs J 8:13-17 Winter '70-'71
- Leadership at the man-to-man level. (Address, Tri-Service ROTC Commissioning Ceremony, University of Missouri, Columbia, June 1, 1971) MajGen Carlos M. Talbott. AF Plcy Ltr for Comdrs Sup No. 8:11-15 Aug '71
- Leadership in a changing Army. Maj Brigham S. Shuler. illus Infantry 61:24-26 Sep-Oct '71
- Leadership in the volunteer Army. BrigGen John A. Hoefling. illus tabs Army 21:38-42 Aug '71
- Leadership is a two-way street. Capt John B. Haseman. illus Mil Rev 51:83-88 Nov '71
- Leadership seen from the ranks. LtCol Victor D. Sutch, Ret. AU Rev 22:76-83 Mar-Apr '71; USAF Instrs J 9:38-47 Summer '71
- Maintaining discipline through dynamic leadership. TIG Brief 23:1 Sep 24 '71
- Mission or men? The leader's hard decision. LtCol Graill L. Brookshire. illus Armor 80:20-23 Jul-Aug '71
- Motivation--a challenge to leadership. (Address, 1970 Homecoming Banquet, USAFA Assoc of Graduates, Colorado Springs, Oct 10, 1970) LtGen A. P. Clark. AF Plcy Ltr for Comdrs: Sup No. 1:3-10 Jan '71
- NCOs study school role (at) Norton (AFB, Calif) meeting. AF Times 32:17 Dec 15 '71
- A new look at the 'ultimate weapon' (a young soldier). Ch(Col) Albert F. Ledebuhr. illus Army 21:22-25 Nov '71
- Paging unsung heroes. (Post-Vietnam troops with serious morale and discipline problems) Maj Lewis Higinbotham. AF Times, Family sup:6-8+ Dec 1 '71
- Personal communication in the modern Army. Maj Lawrence J. Dacunto. illus Mil Rev 51:73-79 Dec '71
- Platoon leaders: What makes them tick. 1stLt Robert K. Wight. illus Infantry 61:30-32 Mar-Apr '71
- The problem of communicating. BrigGen Alan C. Edmunds and others. (Reprinted from Air Force Policy Letter for Commanders, June 15, 1971) AF Plcy Ltr for Comdrs: Sup No. 8:22-24 Aug '71
- Recipe for professional aviation commanders. Ted Kontos. illus USA Avn Dig 17:49-51 Feb '71
- Relieved of command. LtCol Martin Blumenson. illus Army 21:30-37 Aug 71

LEADERSHIP - Continued

- Retention: The talk and the deeds. CDR Charles McIntosh. illus US Nav Inst Proc 97:58-63 Sep '71
- The soldier, the battlefield, and leadership. LtCol Ijaz Ahmad. illus Mil Rev 51:43-49 May '71
- Some thoughts on the modern volunteer Army. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Gen Bruce C. Clarke, Ret. illus Armor 80:31-34 Jul-Aug '71
- Squadron Officer School, junior officers and you. Col Arthur R. Moore, Jr. illus AU Rev 22:34-44 Sep-Oct '71
- Status quo: Enemy of leadership. Maj Ramon A. Nadal. illus Mil Rev 51:24-30 Jun '71
- Strategic leadership during the War (WWII). Gen Sergei M. Shtemenko. illus Soviet Mil Rev pt 1, No. 1:46-48 Jan '71; pt 2, No. 2:37-39 Feb '71
- Take care of the troops and they will take care of you. Maj John L. Lorms. illus Armor 80:25-27 Jan-Feb '71
- Too nice a guy to be a captain? Capt Charles F. Moler. illus Armor 80:6-8 Jul-Aug '71
- Tough and proud of it! Maj Robert E. Hamilton. MarCor Gaz 55:48-49 Apr '71
- A view from the pasture. Col Edwin Sterling Leyland, Ret. NATO's Fifteen Nations 16:28-31 Aug-Sep '71
- The vital role of the small unit leader. Gen Bruce Palmer, Jr. illus Army 21:23-25 Oct '71
- Why can't I motivate my people? BrigGen John A. Hoefling. illus Infantry 61:18-20 Nov-Dec '71
- Winding down of war calls for top leaders. SGM Silas L. Copeland. illus Army 21:26-27 Oct '71

Study and Teaching

- Leadership instruction. Col Joseph H. Madden, Ret and Maj Lloyd R. Chason. illus USAF Instrs J 8:26-32 Winter '70-'71
- The leadership lab concept--a new approach. LT Robert J. Brudno. illus US Nav Inst Proc 97:85-86 Feb '71
- Leadership through group dynamics (at 2d Marine Division SNCO Leadership School). Maj H. L. Seay. illus MarCor Gaz 55:26-32 Sep '71
- NCOs learn job leadership--'crash course' at Lockbourne (AFB, Ohio). illus AF Times 31:30 Mar 17 '71

LEARNINGSee also

Programmed Learning

- A motivational philosophy. Maj John P. Rouse. illus USAF Instrs J 9:33-35 Fall '71
- Preparing learning objectives. Capt Paul K. VanRiper. MarCor Gaz 55:45-46 Dec '71
- Sequence of instruction. LtCol Marshall A. Dean, Ret. illus USAF Instrs J 9:53-56 Summer '71
- Using Newton's first law. Capt J. Bradley Stiles. USAF Instrs J 9:25-28 Summer '71

LEARNING CENTERS see Instructional Materials Centers

LEAVE, MILITARY

Details outlined on home leave. AF Times 31:10 Jul 28 '71

It's cheaper than you think--on leave in Europe. SP5 Tom Bailey. illus Soldiers 26:48-50+ Jun '71

Leave--military personnel. TIG Brief 23:4 May 7 '71

Leave records merging (at AF Accounting and Finance Center). AF Times 32:6 Sep 29 '71

Military leave travel for the holidays. Dudley H. Broyles. tab Translog 2:6-7+ Nov '71

LEAVENWORTH, Henry

Cantonment Leavenworth: 1827 to 1832. Col Forrest R. Blackburn. illus Mil Rev 51:57-66 Dec '71

LeBAILLY, Eugene B.

They plan hemisphere defense--AF's (LtGen)LeBailly heads (Inter-American Defense) Board. Ed Gates. por AF Times 32:10 Dec 22 '71

LEE, Kuan Yew

East-West--the twain have met. (Adapted from Dillingham Lecture, Center for Cultural and Technical Interchange Between East and West, Honolulu, Nov 11, 1970) Lee Kuan Yew. por Mil Rev 51:76-83 Jul '71

LEE, Robert E.

Audacity takes command. Maj Gerald P. Stadler. illus Soldiers 26:27-29 Oct '71

LEGAL AIDSee also

Lawyers

Before it's too late. Capt David B. B. Helfrey. illus Soldiers 26:66-67 Jun '71

EM get JAG aid off base. AF Times 32:2 Oct 6 '71

The law and you. AF Times, What divorce proceedings entail. 31:30 Jan 6 '71; Several methods finalize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose. 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

Your legal rights. Capt Jerome J. Curtis, Jr. illus Army Dig 26:64-65 Feb '71

LEGION OF MERIT

Gen (Homer I.) Lewis, Air Force Reserve chief, honored (with Legion of Merit). illus Officer 47:25 Aug '71

Gen (Otis E.) Winn decorated at retirement ceremony illus Translog 2:23-24 Aug '71

Legion of Merit (awarded Col Mark W. Gillaspie). Contact 25:7 Mar-Apr '71

LEGISLATION see Laws and LegislationLeMAY, Curtis E.

LeMay presents Blanchard Trophy (to Whiteman 351st Strategic Missile Wg in 4th Annual SAC Missile Combat Competition, Vandenberg AFB, Calif, April 1971). illus AF Times 31:63 May 19 '71

LEMNITZER, Lyman L.

A pictorial salute to former SACEURs. NATO's Fifteen Nations 16:26-29 Apr-May '71

LENIN, Vladimir I.

Lenin as disciple of Clausewitz. Donald E. Davis and Walter S. G. Kohn. por Mil Rev 51:49-55 Sep '71

Lenin on just and unjust wars. MajGen K. Bochkaryov. por Soviet Mil Rev No. 4:12-15 Apr '71

Lenin's decree. Col Y. Korablyov. por Soviet Mil Rev No. 2:34-36 Feb '71

LENNON, Alton A.

Lennon panel considers requirements for sealift, airlift. James D. Hessman. Armed Forces J 109:34-35 Oct '71

LEWIS, Homer I.

Gen Lewis, Air Force Reserve chief, honored (with Legion of Merit). por Officer 47:25 Aug '71

(MajGen Homer I. Lewis named Chief of Air Force Reserve) por Air Reservist 23:3 Apr '71

New AF Reserve chief, in military training since childhood, renowned as frontier rancher and flyer, as well as warrior. por Officer 47:19+ May '71

Past president Lewis gets post as Air Force Chief of Reserves; James M. Roberts named by President to succeed Sutton in Army post. Officer 47:5 Apr '71

LIABILITY

Government tort liability and the safety function in the Air Force Contract Management Division. BrigGen Morton J. Gold. illus AF JAG L Rev 13:3-11 Winter '71

The law and you. AF Times, What divorce proceedings entail. 31:30 Jan 6 '71; Several methods finalize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose. 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

Limitation of contractor liability for defective supplies. TIG Brief 23:5 Mar 26 '71

VA advises veterans to obtain release of liability. MarCor Gaz 55:10 Nov '71

Who pays space damages? Nations negotiating treaty. AF Times 31:33 Mar 3 '71

LIAISON

Air Force Academy's 'foster' alumni (liaison officers). illus Air Reservist 23:12-13 May-Jun '71

Talent scouts for the Air Force Academy (liaison officers). Maj Eugene G. Barker. illus AF Mag 54:32-34 Nov '71

LIBRARIESAir ForceSee also

Air University Library

Libraries visited by 90,000 daily. illus AF Times 31:10 May 19 '71

Army

Preserving the past for the future. (Army Military History Research Collection) Col George S. Pappas. illus Army 21:30-31 Sep '71

LIDDELL HART, Basil H.

The legacy of Liddell Hart. Richard A. Mason. por AF Mag 54:58-63 Apr '71

LIFE INSURANCE see Insurance, Life

LIFE ON OTHER PLANETS see Extraterrestrial Life

LIFTING BODIES

Lifting body flights (and manned lifting body flight log, Dec 7, 1966-Nov 25, 1970). tab Spaceflight 13:208-209 Jun '71

Testing

Space shuttle research in Australia. illus (Also cutaways) Spaceflight 13:32 Jan '71

LIGHTERS see Barges

LIGHTINGSee also

Airplanes--Lighting
Airports--Landing Aids
Flares

Airborne flashlight (RC130S Hercules). MSgt Loren B. Leonberger. illus Airman 15:12-14 May '71

Effect of changes in illumination level on Electro-Oculography (EOG). A. Gonshor and R. Malcolm. illus tab Aerosp Med 42:138-140 Feb '71

LIGHTNER, Lawrence S.

(LtGen Earl C.) Hedlund receives job with CENTO (and other star shifts announced, including changes at Air War College). AF Times 31:3 Jun 30 '71

LIGHTNING

Lightning does strike twice. illus Aerosp Safety 27: 6-7 Jan '71

LIMITED WAR

Limited war. Seymour J. Deitchman. illus tabs Mil Rev 51:3-16 Jul '71

Low level warfare: What role for the Navy? Howard C. Reese. illus MarCor Gaz 55:27-30 Aug '71

Presidential control of nuclear weapons in limited war situations. (Research paper, School of Naval Warfare, 1970) CDR Hugh F. Lynch. illus Nav War Col Rev 23:71-88 Feb '71

Restraints on air power in limited war: Japan vs USSR at Chankufeng, 1938. Alvin D. Coox. illus map Aerosp Hist 17:118-126 Dec '70

War: Limitations and national priorities. (Lecture, Naval War College, 1970) CDR James A. Barber, Jr. illus Nav War Col Rev 23:4-16 Jan '71

LINCOLN, Abraham

Tragedy in Box 8. Richard Dey. illus Army Dig 26: 48-53 Apr '71

LISTENING

How to attend a conference. S. I. Hayakawa. (Reprinted from Etc., Autumn 1955) illus Armed Forces Compt 16:32-35 Fall '71

You can learn to listen. Richard J. Ovington. illus Armed Forces Compt 16:30-34 Summer '71

LITTON INDUSTRIES, INC

Navy, Litton look ahead to long-term partnership, but all is not roses down among the magnolia blossoms. James D. Hessman. illus Armed Forces J 108:32-34 Mar 15 '71

LOADING AND UNLOADINGSee also

Airplanes, Military--Loading and Unloading
Helicopters, Military--Loading and Unloading
Ships--Loading and Unloading

Munitions loadings. TIG Brief 23:11 Aug 6 '71

Equipment

Air Force testing electric truck, bus. illus Armed Forces J 108:37 Mar 1 '71

LOANS, HOME

GI loan benefits added. AF Times 31:34 Mar 10 '71

Home loans through VA reach peak. AF Times 32:6 Oct 20 '71

The law and you. AF Times, What divorce proceedings entail. 31:30 Jan 6 '71; Several methods finalize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose. 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

Mobile home site open under VA (at Fort Lauderdale, Fla). AF Times 32:44 Sep 15 '71

VA advises veterans to obtain release of liability. MarCor Gaz 55:10 Nov '71

VA okays home loans on trailers. AF Times 31:9 Feb 10 '71

Your future as a veteran. illus tabs AF Times pt 1. Yes, vets, some do care. Larry Carney. 32:5-6 Oct 13 '71; pt 2, On-duty Transition does help. Bob Schweitz. 32:5-6 Oct 20 '71; pt 3, VA benefits aren't automatic. Bill Drach and Louis Dorsch. 32:42-43 Oct 27 '71; pt 4, GI Bill 'student body' growing. Larry Carney. 32:42-43 Nov 3 '71; pt 5, Vet unemployment dips. Larry Carney. 32:41-42 Nov 10 '71; pt 6, Disability pay confusing. Mel Jones. 32:46-47 Nov 17 '71; pt 7, VA caters to 'new vet.' George Marker. 32:43-44 Nov 24 '71; pt 8, GI home buying gets new life. George Marker. 32:45-46 Dec 1 '71; pt 9, SGLI conversion tips. Bill Kreh. 32:50-51 Dec 8 '71; pt 10, The beneficiary snag. Ruth Chandler. 32:37 Dec 15 '71; pt 11, How 'bout the Reserves. Ed Gates. 32:30-31 Dec 22 '71; pt 12, Dear Congressman. Robert S. Horowitz. 32:29 Dec 29 '71

LOANS, PERSONAL

Army dependents can get education loans. Armed Forces J 108:18-19 Jun 21 '71

LOCKHEED AIRCRAFT CORP

Firm rejects C-5 settlement. AF Times 31:18 Jan 20 '71

Lockheed agrees to accept loss. Armed Forces J 108:14 Mar 1 '71

Lockheed and Rolls-Royce's problems continue. illus Interavia 26:361-363 Apr '71

Lockheed wide-body jet market analysis. illus Interavia 26:894-896 Aug '71

Lockheed will go to court on C-5A claims. Armed Forces J 108:14-15+ Jan 18 '71

Lockheed's (Daniel J.) Haughton on the record. Interview. illus tabs Interavia 26:1382-1385 Dec '71

LOGISTICSSee also

Integrated Logistic Support
Movement Control
Transportation, Military

also subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957- --Logistics
World War I--Logistics
World War II--Logistics

ACE logistics--its past achievements and future prospects. WgComdr R.L.Walker. illus NATO's Fifteen Nations 16:76-83 Apr-May '71

DOD lists logistics systems policy objectives in response to the Blue Ribbon Defense Panel report. Review 50:29+ May-Jun '71

Enigma of impedimenta. Col Fredric E. Johnson. illus Review 51:14+ Sep-Oct '71

Logistics professionalization. RADM Joseph L. Howard. illus Log Spectrum 5:9-14 Winter '71

Logistics support business administration. William F.O'Dell, Jr. illus tabs Log Spectrum 5:24-29+ Summer '71

Skylab program logistics. Earl W. Barr. illus Def Trans J 27:42-44 Jul-Aug '71

A unified DOD logistics command. chart Army Log 3:12-13 Jan-Feb '71

History

Blueprint for victory. Stockbridge H. Barker. illus Army Log 3:18-22 Jul-Aug '71

"Old wine in new bottles." Harold L. Rubenstein. illus Log Spectrum 5:33-35+ Spring '71

Study and Teaching

Logistics education--an overview. LtCol Graham W. Rider, Maj Robert M. Canady and Capt Brian G. Gnauck. tabs Log Spectrum 5:12-15 Summer '71

Logistics education: What is offered. Graham W. Rider and others. illus Log Spectrum 5:31-34 Fall '71

"Old wine in new bottles." Harold L. Rubenstein. illus Log Spectrum 5:33-35+ Spring '71

SOLE Education Symposium (Wright-Patterson AFB, Ohio, Feb 23-24, 1970). illus Log Spectrum 5:30-35 Summer '71

LOGISTICS - ContinuedAir Force

AFLC looks to the 1970's. MajGen Victor R. Haugen, Ret. illus Ordnance 55:548-551 May-Jun '71

Career plan set up in procurement field. AF Times 31:3 Jan 13 '71

Logistics alternatives and risks or living dangerously can be fun. Grace J. Kelleher. Log Spectrum 4:9-13 Winter '70

Logistics management of communications-electronic equipment. TIG Brief 23:4 Apr 9 '71

Making logistics cost less. (Address, National Aerospace Services Assoc Symposium, Dayton, Ohio, March 25, 1971) Gen Jack G. Merrell. AF Plcy Ltr for Comdrs: Sup No. 5:16-21 May '71

Mechanization and the application of computers in distribution. Col Robert E. Carlson. illus Def Trans J 27:34-37 Jan-Feb '71

(Professional goals for military logisticians) (Address, Dayton, Ohio Chapter, Society of Logistics Engineers, Dec 30, 1970) LtGen Francis C. Gideon. illus Log Spectrum 5:19-23 Spring '71

Rapid Area Distribution Support (RADS). TIG Brief 23:14 Apr 9 '71

Armed Forces

Containerization and the Department of Defense. Vincent F. Caputo. illus Def Trans J 27:34-37 May-Jun '71

DOD logistics systems policy objectives. Def Ind Bul 7:32-33 Spring '71

Defense I(nstallations) & L(ogistics). Interview. Barry J. Shillito. illus Govt Exec 3:49-50 Apr '71

The inertia of logistics systems. (Notes, with comment by RADM Joseph L. Howard) RADM Henry E. Eccles, Ret. illus Log Spectrum 5:10-13 Spring '71

Keynote speech, Fifth Annual Convention (Society of Logistics Engineers, Dallas, Aug 26-28, 1970). LtGen Earl C. Hedlund. illus Log Spectrum 4:1-8+ Winter '70

A logistics challenge: Reduce distribution costs. LtGen Earl C. Hedlund. illus Def Ind Bul 7:42-44 Spring '71

Logistics in motion--the support of military forces in the C-5 era. Harry D. Yoder. illus Ordnance 55:455-458 Mar-Apr '71

MSC/MTMTS merger held, DOD (Surface Transportation) Agency proposed. Armed Forces J 108:12-13 Apr 5 '71

Making logistics cost less. (Address, National Aerospace Services Assoc Symposium, Dayton, Ohio, March 25, 1971) Gen Jack G. Merrell. AF Plcy Ltr for Comdrs: Sup No. 5:16-21 May '71

(Military logistics--bridge between the economy of the nation and the tactical operation of the military forces) (Address, SOLE 6th Annual Convention, Philadelphia, Aug 1971) VADM C.S. Minter, Jr. Log Spectrum 5:22-24 Winter '71

Packaging and Materials Handling Seminar. (DSA Convention, 1971) MajGen J. G. Kalergis and others. illus tabs Review 51:43+ Nov-Dec '71

LOGISTICS - ContinuedArmed Forces - Cont'd

The real issues of logistics support. Col Edward R. Fallon, Jr. illus Log Spectrum 5:6-11 Fall '71

The unsung heroes--logisticians who supply the troops. illus Ordnance 55:324-325 Jan-Feb '71

Study and Teaching

Education for logistics managers. LtCol James L. Quinn. illus Log Spectrum 5:15-17+ Winter '71

Army

AMC streamlining aims to 'put it all together.' Gen Henry A. Miley, Jr. illus tab Army 21:42-46 Oct '71

AMC's role in logistics readiness support. Col Robert L. Hall. illus Army Log 3:16-17 Jul-Aug '71

Answer to a challenge (logistics offensive progress report). LtGen Joseph M. Heiser, Jr and LtCol Albert F. Boll. illus Army Log 3:4-7+ Jan-Feb '71

Army mobility for logistical support. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) BrigGen George M. Bush. illus Mil Engr 63:306-312 Sep-Oct '71

The Army's logistics readiness posture. Col Mitchell J. Hazam and Donald D. Paolini. illus Army Log 3:8-11 Mar-Apr '71

The British Army's future range of logistics vehicles. (Based on paper, British Armoured Vehicles Symposium, Woolrich, Eng, June 24, 1971) LtCol J. C. J. Rayment. illus Intl Def Rev 4:380-382 Aug '71

The combat slice. Col Robert B. Rigg, Ret. illus tabs Army 21:20-27 Jun '71

Coming? Tandem base logistics support. Maj William G. T. Tuttle, Jr. illus Army Log 3:12-15+ Nov-Dec '71

Design for support--integrated logistics support for FAMECE (FAMily of Engineer Construction Equipment). Maj Vernelle T. Smith and William G. Scott. illus Army Log 3:18-21 Sep-Oct '71

Direct support logistics. LtCol Morris C. Cannon. illus Mil Rev 51:18-23 May '71

Implementing logistics doctrine in Europe. LtGen Charles W. Eifler. illus map charts Army Log 3:16-19+ Jan-Feb '71

In the wake of battle formations. LtCol A. Parshin. illus Soviet Mil Rev No. 1:21-23 Jan '71

International security assistance--the forward look in international logistics. (Proposed new International Security Assistance Act) illus charts Army Log 3:4-7+ Nov-Dec '71

The logic tree. Robert C. Deasy. illus Mil Rev 51:94-98 Mar '71

Logisticians face formidable tasks during drawdown. LtGen Joseph M. Heiser, Jr. illus Army 21:86-90 Oct '71

The logistics officer program. tab Army Log 3:26-28 Jan-Feb '71

LOGISTICS - ContinuedArmy - Cont'd

Looking at logistics through audit. Frank A. Gleason, Jr. illus Army Log 3:28-32 Sep-Oct '71

Mission: Mobility support--Army Mobility Equipment Command. BrigGen George M. Bush. illus chart Def Ind Bul 7:30-35 Summer '71

Operation Streamline. LtCol James E. Stallard III. illus tabs Army Log 3:4-7+ Mar-Apr '71

Our reserve stock of logisticians. tabs Army Log 3:30-33 May-Jun '71

Participative management in logistics systems development. LtCol Ray E. Frye, Jr. illus chart Army Log 3:10-11+ Sep-Oct '71

Standardizing Army logistics. illus Translog 2:2-5 Nov '71

TAMMS (The Army Maintenance Management System)--a streamlined approach to an old problem. LtCol Paul F. Anderson and L. W. Roy. illus tab Army Log 3:14-17+ May-Jun '71

TRICAP--a new logistics challenge. Ivan H. Oleson. illus chart Army Log 3:4-7+ Sep-Oct '71

Defense Dept

Department of Defense logistics systems policy objectives 1970-75. Def Mgt J 7:63-64 Spring '71

Marine Corps

At sea--where we belong. Maj Robert C. McFarlane. illus US Nav Inst Proc 97:36-42 Nov '71

Landing force logistics. MajGen Herman Poggemeyer, Jr. illus Def Ind Bul 7:18-21 Fall '71

Seaborne mobile logistics. Maj Edward J. Clarkson. tab MarCor Gaz 55:44-45 Feb '71

LONG RANGE NAVIGATION see LoranLONGLEY, William H.

Longley, Mulberry named to Reserve Forces Policy Board. Officer 47:26 Jan '71

LORAN

Avionics--military and civil. MajGen George E. Pickett. illus Signal 25:13-15 Jan '71

Coast Guard monitors Loran. AF Times 31:36 Jun 2 '71

LOW, Curtis R.

2 (retired USAF) generals (LtGen Thomas S. Moorman and MajGen Curtis R. Low) active in land firm (Golden Cycle Corp). AF Times 31:28 Apr 7 '71

LUBRICATION AND LUBRICANTS

Aren't you glad you use SOAP (Spectrometric Oil Analysis Program). Aerosp Safety 27:31 Oct '71

Spectrometric oil analysis. TIG Brief 23:13 Apr 9 '71

What you don't know (about transmission failure) can hurt you. LCDR Donald A. Mohr. illus Approach 17:44-45 Aug '71

LUCE, Stephen B.

Stephen B. Luce and the beginnings of the U.S. Naval War College. RADM John D. Hayes, Ret. illus Nav War Col Rev 23:51-59 Jan '71

LUNAR EXCURSION MODULE see Space Project--Lunar Module

LUNAR MODULE see Space Project--Lunar Module

LUNAR VEHICLES see Moon Vehicles

LYLE, Joseph M.

Industry--future for defense R&D. Govt Exec 3:25 Jul '71

LYNN, William M., Jr

Education for comptrollership--the Army Comptrollership School keeps up with today's demands. MajGen William M. Lynn, Ret and Richard J. Hopeman. por Armed Forces Compt 16:15-20 Summer '71

The military profession: What is it? MajGen William M. Lynn, Ret. illus Army 21:23-27 Sep '71

MAAG see Military Assistance Advisory Group

MAC see Military Airlift Command

MACV see Military Assistance Command, Vietnam

MAP see Military Assistance Program

MEP see Medical Education Program

MILSTEP see Military Supply and Transportation Evaluation Procedures

MSC see Military Sealift Command

MTMTS see Military Traffic Management and Terminal Service

McCAFFREY, William J.

A fighting Army heads for home--heavy responsibilities in 'phased withdrawal.' LtGen William J. McCaffrey. por Army 21:106-113 Oct '71

McCain, John S., Jr

Four Communist nations pose threats in Pacific. (From address, ROA National Convention, San Diego, Calif, June 17-19, 1971) MajGen R. P. Keller for ADM John S. McCain. Officer 47:6 Aug '71

Red shadow over Asia. ADM John S. McCain, Jr. Ordnance 55:431-435 Mar-Apr '71

McCarthy, Frank W.

Winning the ultimate victory through Vietnamization. (Adapted from address, Virginia Military Academy, Lexington, Nov 11, 1970) BrigGen Frank McCarthy, Ret. Army 21:4-6 Jan '71

McClellan, George B.

Audacity takes command. Maj Gerald P. Stadler. illus Soldiers 26:27-29 Oct '71

McCloskey, Paul N., Jr

Congressman McCloskey on the draft. (Testimony before the House Armed Services Committee) Paul N. McCloskey, Jr. illus Armed Forces J 108:32-33+ Apr 5 '71

McCutcheon, Keith B.

Gen Keith B. McCutcheon (promoted and awarded Distinguished Service Medal). Armed Forces J 108:15 Aug '71

In memoriam. MarCor Gaz 55:2 Aug '71

Marine Aviation in Vietnam, 1962-1970. LtGen Keith B. McCutcheon. illus maps tabs US Nav Inst Proc 97:122-155 May '71

Marine due fourth star. AF Times 31:25 May 26 '71

McCuthchen, Robert K.

AU's (Academic) Instructor Course--class teaches teachers. illus AF Times 32:59 Nov 17 '71

McDonnell Douglas Corp

Facsimile transmission helps control procurement costs at McDonnell Douglas. C. B. Husti. illus Signal 25:108-109 Jun '71

History

From a good stable. WgComdr A. G. T. James, Ret. illus Royal Air Forces Qtr 11:19-23 Spring '71

McGarvey, Billie J.

The new Air Force Museum. BrigGen Billie J. McGarvey. por AF Civil Engr 12:2-5 Feb '71

McGHEE, Thomas K.

Aerospace Defense Command. por AF Mag 54:100-103 May '71

McGovern, George

McGovern asks boost in GI Bill school rates. AF Times 31:19 Jun 16 '71

Threats: At home and abroad. Claude Witze. illus AF Mag 54:14-16 Jun '71

McGuire, Perkins

Is there a better way to spend \$60-billion per year? James D. Hessman. tab Armed Forces J 108:26-28+ Apr 19 '71

MACHINE GUNS

Better guns for choppers. Alexander Hammer. illus Ordnance 56:138-142 Sep-Oct '71

The final protective line. Hugo E. Mayer, Jr. illus tabs MarCor Gaz 55:18-25 Dec '71

The Russian RPK. Maj F. W. A. Hobart. illus tabs Ordnance 56:50-54 Jul-Aug '71

The Stoner machine guns. Maj F. W. A. Hobart, Ret. illus tabs Ordnance 56:222-225 Nov-Dec '71

Mack, William P.

SecNav and seamen agree. Robert J. Boylan. por Navy 14:29 May '71

McKee, Seth J.

McKee lauded by old school (Southeast Missouri State College). AF Times 31:50 Jun 23 '71

McKernan, James F., Jr

Benefits of instructor duty. Capt James F. McKernan. USAF Instrs J 9:56-58 Fall '71

McLain, Raymond S.

They had charisma: (Gens) Marshall, Bradley, Patton, Eisenhower; from the papers of LtGen Raymond S. McLain. LtCol Albert N. Garland, Ret. por Army 21:26-31 May '71

McLaughlin, John D.

Subsistence Seminar. (DSA Convention, 1971) MajGen John D. McLaughlin and Maj Joseph V. McGrail. illus Review 51:85-88+ Nov-Dec '71

McNamara, Robert S.

The Blue Ribbon Panel report: Unification orthodoxy, revisited and revised. Raymond H. Dawson. illus chart Aerosp Hist 18:4-11 Mar '71

Hedging on a strategic gamble. Col Joseph E. Muckerman II. illus Army 21:10-16 Sep '71

Robert McNamara's impact on the budget strategies of the Joint Chiefs of Staff. Lawrence J. Korb. illus Aerosp Hist 17:132-136 Dec '70

McWilliams, Keith E.

Divisions or brigades for the Army National Guard. BrigGen Keith E. McWilliams. illus Mil Rev 51:35-42 Jan '71

Madsen, Frank M., Jr

The social implications of military education and training. (From address, Armed Forces Management Assoc Conference, Los Angeles, Aug 21, 1970) MajGen Frank M. Madsen, Jr. AF Plcy Ltr for Comdrs: Sup No. 2:24-31 Feb '71

MAGNESIUM see Metals

MAGNETIC TAPE see Sound Recording and Reproducing

MAGNETRONS see Electron Tubes

MAGNETS AND MAGNETISM

Magnetic bubbles: A new technology for telephone systems. A.H. Bobeck. illus Signal 26:14-16 Oct '71

MAHAN, Alfred T.

European naval expansion and Mahan, 1889-1906. Capt Ronald B. St John. illus tabs Nav War Col Rev 23:74-83 Mar '71

View from the blue. Col William C. Moore. AF Mag 54:76-78+ Sep '71

MAHON, George H.

The first priority: Survival. Interview. George H. Mahon. por Govt Exec 3:37-39 Jan '71

MAINTENANCE AND REPAIR

See also

Aircraft Maintenance

Missile Maintenance

also subdivision Maintenance and Repair under specific subjects

Base depot upgrade (for Armed Forces of Vietnam). Maj Murray G. Swindler. illus Ordnance 56: 143-146 Sep-Oct '71

Do any of these "shoes" fit? TIG Brief 23:2 Nov 5 '71

Equipment readiness. Maj Jerome G. Peppers, Jr. Ret. AU Rev 22:71-74 Jul-Aug '71

Fighter aircraft recovery and the civil engineer. Maj Charles W. Proffitt. illus chart AF Civil Engr 12:8-10 May '71

Find 'em, fix 'em, stock 'em. LtCol Robert C. Hawk. illus tab Army Dig 26:4-7 Jan '71

Hey, Sarge! Straight talk about how maintenance can help itself. James H. Smith. illus Aerosp Safety 27:24-25 Nov '71

Improved effectiveness through maintenance communications. Stanley Duhan and Daniel J. Million. Log Spectrum 4:14-17 Winter '70

Managing delayed maintenance. TIG Brief 23:4 Jul 23 '71

Objective--maintenance. George R. Hayes. illus AF Civil Engr 12:2-5 May '71

Quality control. TIG Brief 23:1 Mar 12 '71

Real property maintenance and management of civil engineering resources. TIG Brief 23:9 Aug 27 '71

Reflections on the role of the engineer-manager. Thomas C. Cadogan. illus AF Civil Engr 12:11-13 Nov '71

TAMMS (The Army Maintenance Management System)--a streamlined approach to an old problem. LtCol Paul F. Anderson and L. W. Roy. illus tab Army Log 3:14-17+ May-Jun '71

TV inspection and chemical grouting of sanitary sewer lines. Bruce C. Gandy. illus AF Civil Engr 12:6-7 Feb '71

Costs

Cost reduction: A by-product of well managed maintenance. H. R. Lopez. illus Log Spectrum 5:36-38 Winter '71

MAINTENANCE AND REPAIR - Continued

Terminology

Overhaul? Over-s-h-h-m-a-l-t-z-z! LtCol William G. Phillips. USA Avn Dig 17:20-23 Feb '71

MALAYSIA

Task force: "Golden Hawk." SP4 Tony DeStafano. illus USA Avn Dig 17:32-34 Apr '71

MALLOY, John M.

Contracting for major weapons systems. John M. Malloy. Def Mgt J 7:28-30 Fall '71

MALOY, Robert W.

Kicked to death by a rabbit, (AF personnel in Korea). Capt Robert P. Everett. por Airman 15:11-16 Aug '71

MALTA

Malta and NATO. John Marriott. Armed Forces J 108:19 Aug '71

MAN

The soldier, the battlefield, and leadership. LtCol Ijaz Ahmad. illus Mil Rev 51:43-49 May '71

Some comments on 'The Phenomenon of Time Dilation' (by Derek Lawden, Spaceflight, April 1970)-2. Walter A. Elliott. Spaceflight 13:86-87+ Mar '71

The uniqueness of the earth. (Adapted from Thomas D. White Lecture, Air University, Maxwell AFB, Ala, March 2, 1971) William G. Pollard. illus tab AU Rev 22:34-44 Jul-Aug '71

MANAGEMENT

See also

Configuration Management

Personnel Administration

Anatomy of shipbuilding management--Newport News. Interview. L. C. Ackerman. illus Govt Exec 3:28-39+ May '71

The architectural manager. Capt Leo H. Robinson. AF Civil Engr 12:8 Feb '71

Decentralized management--making it work in the Department of Transportation. Alan L. Dean. Def Mgt J 7:27-31 Spring '71

Effective management through effective reporting. (Adapted from keynote address, Symposium on Effective Reporting Systems, Dept of Commerce, Washington, 1971?) Barry J. Shillito. Def Mgt J 7:23-26 Spring '71

Effective styles of management. LtCol F. A. Patrone. illus Def Mgt J 7:46-49 Fall '71

Evolution of management thought. SMSgt Bruce Emerson. USAF Instrs J 8:4-7 Winter '70-'71

Funds control versus costs control. J. Ronald Fox. illus Army Log 3:4-7+ May-Jun '71

Improving labor-management relations in government. A. Di Pasquale. illus Def Mgt J 6:19-22 Feb '71

Introspect '71. (Highlights and presentations, Commissary and Exchange Symposium sponsored by Southern Calif Chapter, Defense Supply Assoc, Anaheim, April 14-16, 1971) Review 50:49-50+ May-Jun '71

MANAGEMENT - Continued

- Labor-management relations in the Air Force. Col Joseph E. Hearn. illus AU Rev 22:27-33 Jan-Feb '71
- Logistics support business administration. William F. O'Dell, Jr. illus tabs Log Spectrum 5:24-29+ Summer '71
- Management--in search of a concept. GpCapt P. R. Mallorie. Royal Air Forces Qtr 11:207-210 Autumn '71
- The management process. (Lecture, Naval War College, 1971?) CAPT Alexander H. Cornell. illus tab Nav War Col Rev 23:64-73 Mar '71
- Management teams' use to advise clubs clarified. AF Times 31:47 Jun 16 '71
- Motivational management. SMSgt Bruce Emerson. illus USAF Instrs J 9:20-25 Fall '71
- Organizational demands and the modern executive. (Based on address, Industrial College of the Armed Forces, Washington, Feb 6, 1970) Peter F. Drucker. Fld Artilleryman, pp 42-52, Mar '71
- Public management of national security. Robert C. Seamans, Jr. illus tab AF Mag 54:40-43 May '71
- (Special symposium on today's financial management philosophy, 1971) illus Armed Forces Compt 16: entire issue Spring '71
- Time--can you manage it? Col Rex Wing. illus Army Log 3:28-32 Nov-Dec '71
- The 3C (Communication, Coordination, Cooperation) concept. Jerome G. Peppers, Jr. illus AF Civil Engr 12:23-25 Nov '71
- What is an organization? James C. Stephens. illus Armed Forces Compt 16:28-31+ Fall '71
- The world of change. H. Paul Ecker. illus Armed Forces Compt 16:4-8 Spring '71

Bibliography

- Evolution of management thought. SMSgt Bruce Emerson. USAF Instrs J 8:4-7 Winter '70-'71

History

- Evolution of management thought. SMSgt Bruce Emerson. USAF Instrs J 8:4-7 Winter '70-'71

Study and Teaching

- Manager training and development. TIG Brief 23:14 Oct 8 '71

MANAGEMENT, MILITARYSee also

- Configuration Management
Resource Management Systems
Single Manager System
Supervision
Supply Management
Weapon Systems Management

- AMC's management information system. John C. Gilbert. illus tab Army Log 3:8-11 Jan-Feb '71
- Accurate cost accounting. Maj Robert D. Mulcahy. MarCor Gaz 55:53-54 Jul '71
- All about the TFX 'fiasco.' Navy 14:27-28 Jan '71

MANAGEMENT, MILITARY - Continued

- Analysis in action. illus AF Compt pt 1, A self-test on cost effectiveness analysis. E. B. Cobb. 3:23-24 Apr '69; pt 2, Linear regression. Capt Charles P. Wood, Jr and Joseph F. Krushinski. 3:30-32 Jul '69; pt 3, Present value. Maj Donald L. Rans. 3:22-23+ Oct '69; pt 4, Management science. LtCol P. E. Haug, Jr and Maj F. D. Richards. 4: 36-37 Jan '70; pt 5, Beware of the "simple average." M. A. Schwartz. 4:30-31 Apr '70; pt 6, Behavior of cost. LtCol Hollis Lunsford. 4:30-31 Jul '70; pt 7, SIMULO-BUDPRO. LtCol John J. Smith, Ret. 4:25-27 Nov '70; pt 8, Price indexes. Capt Charles W. McNichols II. 5:22-24 Mar '71; pt 9, Linear regression--the assumptions. Joseph Krushinski. 5:20-21 Jul '71
- Applying the systems approach to management. Edmund W. Edmonds, Jr. illus Def Mgt J 6:23-26 Feb '71
- The Armed Forces Management Association. Hugh Witt. illus Def Mgt J 7:19-22 Spring '71
- Attacking the critical management problems. VADM Eli T. Reich. Def Mgt J 6:27-28 Feb '71
- Bankruptcy and the FMF commander. Maj L. J. Scolforo, Jr. illus MarCor Gaz 55:21-26 Apr '71
- "Building blocks" for a productive QC&E (Quality Control and Evaluation) program. Capt Norbert A. O'Hare and Capt William L. O'Dell, Jr. illus AF Civil Engr 12:10-12 Feb '71
- Challenging the DOD Blue Ribbon Panel (on ADPE procurement). Edward O. Joslin and Jack Wright. illus chart Govt Exec 3:41-44+ Feb '71
- Changes hint at 4th service. LtGen Ira C. Eaker, Ret. AF Times 31:13 May 5 '71
- Computers get trial run to update maintenance. Paul Collins. AF Times 32:62 Dec 8 '71
- Concepts for improving defense management. (Adapted from remarks, Washington Chapter, Armed Forces Management Assoc) VADM Vincent P. de Poix. Def Mgt J 7:36-40 Spring '71
- Contractor performance measurement. Maj Robert R. Kemps. illus Def Ind Bul 7:42-48 Summer '71
- A coordinator caper. (Aircrew Training Flow Coordination Division) MSgt Loren B. Leonberger. illus Airman 15:30-33 Apr '71
- DIFM (Due-In From Maintenance) management program. TIG Brief 23:10 May 7 '71
- Defense budgeting--a new look. Robert C. Moot. illus Army Log 3:4-7+ Jul-Aug '71
- Defense management. illus Govt Exec 3:40+ Apr '71
- Defense management challenges of tomorrow. MajGen Thomas H. Scott, Jr. Def Mgt J 6:11-15 Feb '71
- Education for logistics managers. LtCol James L. Quinn. illus Log Spectrum 5:15-17+ Winter '71
- Effective cost/quality control management. TIG Brief 23:5 Jan 15 '71
- Eliminating safety hazards in future Army aircraft. (Adapted from paper, 2d Government Industry System Safety Conference, Goddard Space Flight Center, Greenbelt, Md, May 26, 1971) illus USA Avn Dig 17:52-57 Nov '71
- An environment of human worth. Maj William R. Campbell, Jr. illus MarCor Gaz 55:23-25 Sep '71

MANAGEMENT, MILITARY - Continued

- Establishing goals and measuring effectiveness.
A. Kenneth Hatch. illus Def Mgt J 6:29-32 Feb '71
- (Federal Management Improvement Conference, Washington, Sep 21-22, 1970) Def Mgt J 6: entire issue Feb '71
- Hot lines communications in Allied Command Europe.
MajGen E. Gralka. illus NATO's Fifteen Nations 16:86-88+ Apr-May '71
- The impact of technology on management. Joe C. Jones. illus Def Mgt J 6:16-18 Feb '71
- Integrated logistics support and life cycle management. Lew Williams. Log Spectrum 5:8-9+ Spring '71
- The key words: Involvement and teamwork. Robert F. Froehke. illus Army 21:16-18 Oct '71
- Leadership in the volunteer Army. BrigGen John A. Hoefling. illus tabs Army 21:38-42 Aug '71
- Learn MEDS (Mechanized Embarkation Data System) at unit level. Maj Albert T. Fisher. illus MarCor Gaz 55:47-48 Dec '71
- Magic in MMS (Manpower Management System) reporting. Maj Henry W. Tutterow, Jr. MarCor Gaz 55:46-47 Sep '71
- Management advisory role of the wing/base level comptroller. LtCol R. K. Baliles. illus AF Compt 5:22-23 Nov '71
- Management by exception--identifying the exception. Col Paul W. Simpson. illus Army Log 3:26-27 Mar-Apr '71
- Management of Air Force acquisition programs. TIG Brief 23:13 Aug 6 '71
- Management uses of cost information. Maj Frederick T. Walker. tabs AU Rev 22:64-71 Jul-Aug '71
- Managing modernization. BrigGen John R. Pierce, Jr. illus Army Log 3:28-32 Mar-Apr '71
- Manpower: Development and use. SMSgt Bruce Emerson. USAF Instrs J 9:65-68 Summer '71
- Office management. SSgt Frank A. Pearsall. illus MarCor Gaz 55:43-47 Oct '71
- Optimizing the staff. Col Robert I. Felch. illus Mil Rev 51:3-10 Jun '71
- Organization--DOD shifting authority. Interview. VADM Vincent de Poix. illus Govt Exec 3:16 Jan '71
- Organizational demands and the modern executive. (Based on address, Industrial College of the Armed Forces, Washington, Feb 6, 1970) Peter F. Drucker. Fld Artilleryman, pp 42-52, Mar '71
- Output--how to measure it. Ivon W. Ulrey. illus Armed Forces Compt pt 1, 16:3-5 Winter '71; pt 2, 16:5-8 Summer '71
- Output: Why measure it? Ivon W. Ulrey. illus Armed Forces Compt 15:18-21+ Fall '70
- Overmanagement--and its cure. (Address, Federal Management Improvement Conference, Sep 22, 1970) Barry Shillito. illus Def Mgt J 6:3-5 Feb '71; Log Spectrum 5:17-20 Summer '71
- Participative management in logistics systems development. LtCol Ray E. Frye, Jr. illus chart Army Log 3:10-11+ Sep-Oct '71

MANAGEMENT, MILITARY - Continued

- Plans management. TIG Brief 23:9 Jun 4 '71
- Potentials for management improvement. (Adapted from address, Federal Management Improvement Conference, Washington, Sep 21, 1970) Elmer B. Staats. illus Def Mgt J 6:6-10 Feb '71
- (Professional goals for military logisticians) (Address, Dayton, Ohio Chapter, Society of Logistics Engineers, Dec 30, 1970) LtGen Francis C. Gideon. illus Log Spectrum 5:19-23 Spring '71
- Project PRIME and the Air Force. Michael E. Simon. illus tab Armed Forces Compt pt 1, 15:8-15 Summer '70; pt 2, 15:7-11 Fall '70
- Project REFLEX (REsource FLEXibility). John W. Cooley. illus Armed Forces Compt 15:12-15 Fall '70
- Reflections on the role of the engineer-manager. Thomas C. Cadogan. illus AF Civil Engr 12:11-13 Nov '71
- Resource allocation and management. Editorial. LtGen George S. Boyland, Jr. illus AF Compt 5: back cover Jul '71
- The role of the military comptroller. Eckhart Bennewitz. illus Armed Forces Compt 16:9-12 Summer '71
- The sick whale and the avaricious minnow--Army bid for MSC reveals U.S. sealift weakness. James Hessman. illus Sea Power 14:7-13 Nov '71
- Some managerial aspects of command. LtCol Harold R. Lamp. illus Parameters 1:42-49 Spring '71
- Special duty officer for systems analysis: A proposal. LCDR John S. Gubbings. illus Nav War Col Rev 24:17-24 Nov '71
- The Standard Base Civil Engineer Management Review Program (SBCEMRP). TIG Brief 23:4 Mar 26 '71
- Standardizing Army logistics. illus Translog 2:2-5 Nov '71
- The strategic dilemma. (Remarks, American Ordnance Assoc, Orlando, Fla, Nov 17, 1970) Gen John D. Meyer. AF Plcy Ltr for Comdrs: Sup No. 2:8-13 Feb '71
- System changes--stepping stones to survival. Maj John N. Worley. illus AF Compt 5:8-9+ Mar '71
- Systems engineering in Army Aviation. Truxtun R. Baldwin. illus chart Army Log 3:8-11+ Nov-Dec '71
- TAMMS (The Army Maintenance Management System)--a streamlined approach to an old problem. LtCol Paul F. Anderson and L. W. Roy. illus tab Army Log 3:14-17+ May-Jun '71
- The task ahead. Robert C. Moot. illus Armed Forces Compt 16:35-38 Spring '71
- There's so much to be done. J. Ronald Fox. illus Armed Forces Compt 16:29-34 Spring '71
- They call it MACIMS (Military Airlift Command Integrated Management System). LtCol Jack A. Evans. illus AF Compt 5:34-36 Nov '71
- Tight budgets, mission challenge Force planners. LtGen Robert R. Williams. illus Army 21:80-85 Oct '71

MANAGEMENT, MILITARY - Continued

- Toward better management of human, material and economic resources--organization and management. (Excerpts from Defense Posture Statement) Melvin R. Laird. Def Ind Bul 7:21-23 Spring '71
- The training manager. Hyel S. Bittner. USAF Instrs J 8:46-49 Winter '70-'71
- Two bits' worth on computers, generation gaps, and management. Maj Eugene P. Wagner. illus AU Rev 22:58-61 May-Jun '71
- The USAF Management Engineering Program. TIG Brief 23:10 Jun 18 '71
- Wanted! Responsible non-conformists. BrigGen Edwin S. Wittbrodt, Ret. illus AF Compt 5:8-11 Nov '71
- What price strategy? Col Herman E. Kessler, Jr. illus Mil Rev 51:56-66 Feb '71
- Will the minnow swallow the whale? (Defense Dept plan to transfer ocean transportation management and procurement from MSC to Military Traffic Management and Terminal Service(MTMTS)) L. Edgar Prina illus Sea Power 14:37-39 Oct '71
- A world of changing systems. Col Robert G. Hillman. illus Mil Rev 51:42-47 Dec '71

Study and Teaching

- AU Institute (for Professional Development) graduates 17 in management. AF Times 32:15 Dec 22 '71
- The Defense Systems Management School: A new breed of program manager. BrigGen Winfield S. Scott III. illus Def Ind Bul 7:13-14 Fall '71
- Defense System Management School--educating a new breed of program manager. BrigGen Winfield S. Scott III. illus Def Ind Bul 7:13-14 Fall '71
- Selection--key to good management. Interview. CAPT Fred H. Baughman. illus Govt Exec 3:30 Oct '71

MANAGEMENT CENTERS AND SCHOOLSDefense Dept

- DOD (Defense Systems Management) School lists AFers as grads. AF Times 32:3 Dec 15 '71

MANAGEMENT IMPROVEMENTSee also

- Automation
Cost Effectiveness
Efficiency
Resource Management Systems

- Analysis--or what do the figures mean? TIG Brief 23:2 Oct 8 '71
- Answer to a challenge (logistics offensive progress report). LtGen Joseph M. Heiser, Jr and LtCol Albert F. Boll. illus Army Log 3:4-7+ Jan-Feb '71
- The Armed Forces Management Association. Hugh Witt. illus Def Mgt J 7:19-22 Spring '71
- Challenging the DOD Blue Ribbon Panel (on ADPE procurement). Edward O. Joslin and Jack Wright. illus chart Govt Exec 3:41-44+ Feb '71
- The changing DOD communications-electronics environment. LtGen Richard P. Klocko and MajGen Anthony T. Shtogren. illus Signal 25:60-61+ Jun '71
- Commands to set RECON (REsources CONservation) guidelines. Tony McHale. AF Times 31:5 May 26 '71

MANAGEMENT IMPROVEMENT - Continued

- Concepts for improving defense management. (Adapted from remarks, Washington Chapter, Armed Forces Management Assoc) VADM Vincent P. de Poix. Def Mgt J 7:36-40 Spring '71
- Data coordination--is an integrated transportation system possible? Calvin D. Pease. illus Def Trans J 27:23-25 Jan-Feb '71
- Defense management. illus Govt Exec 3:40+ Apr '71
- Eliminating safety hazards in future Army aircraft. (Adapted from paper, 2d Government Industry System Safety Conference, Goddard Space Flight Center, Greenbelt, Md, May 26, 1971) illus USA Avn Dig 17:52-57 Nov '71
- Financial management digest. Regular feature in some issues of Armed Forces Comptroller
- Getting involved is our business. James E. Murphy. illus Translog 2:2-5+ Feb '71
- The human factor in work force productivity. Capt Allen J. Sailer. illus tab AF Civil Engr 12:22-23 May '71
- Improving labor-management relations in government. A. Di Pasquale. illus Def Mgt J 6:19-22 Feb '71
- Innovation stimulation. Maj Edward C. Kraft, Jr. USAF Instrs J 9:33-35 Summer '71
- MTMTS reports progress for FY 71. Translog 2:18-19 Oct '71
- The need to do more with less. BrigGen Jack B. Robbins. illus Signal 25:18-21 May '71
- New policies in defense systems acquisition. (Address, DOD-NSIA Symposium briefings, Washington, Aug 11, 1971) David Packard. AF Plcy Ltr for Comdrs: Sup No. 10:26-30 Oct '71
- Objective--maintenance. George R. Hayes. illus AF Civil Engr 12:2-5 May '71
- Organizing for support of the product (at Grumman). Edward Dalva. illus charts Log Spectrum 5:2-8 Winter '71
- Output--how to measure it. Ivon W. Ulrey. illus Armed Forces Compt pt 1, 16:3-5 Winter '71; pt 2, 16:5-8 Summer '71
- Output: Why measure it? Ivon W. Ulrey. illus Armed Forces Compt 15:18-21+ Fall '70
- Potentials for management improvement. (Adapted from address, Federal Management Improvement Conference, Washington, Sep 21, 1970) Elmer B. Staats. illus Def Mgt J 6:6-10 Feb '71
- Project PRIME and the Air Force. Michael E. Simon. illus tab Armed Forces Compt pt 1, 15:8-15 Summer '70; pt 2, 15:7-11 Fall '70
- Signal interviews LtGen Richard P. Klocko. Signal 26:6-7 Sep '71
- (Special symposium on today's financial management philosophy, 1971) illus Armed Forces Compt 16: entire issue Spring '71
- Streamlining management. (Remarks, DOD-NSIA Symposium, Washington, Aug 12, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 10:17-25 Oct '71
- System changes--stepping stones to survival. Maj John N. Worley. illus AF Compt 5:8-9+ Mar '71

MANAGEMENT IMPROVEMENT - Continued

The task ahead. Robert C. Moot. illus Armed Forces Compt 16:35-38 Spring '71

Toward better management of the development and acquisition of new weapons systems. (Adapted from testimony before House Appropriations Committee, March 18, 1971) David Packard. Def Mgt J 7:2-7 Fall '71

Wanted! Responsible non-conformists. BrigGen Edwin S. Wittbrodt, Ret. illus AF Compt 5:8-11 Nov '71

MANAGEMENT INFORMATION SYSTEMS

Cardpac! Joseph R. Simone. illus Translog 2:8-10 Aug '71

Close the computer generation gap. Capt John P. McLaughlin. illus Translog 2:15-17 Jul '71

The commander's management information system at Hq USAFSS. LtCol Clyde Ballard. illus AF Compt 5:27-28 Jul '71

Computerized management information system. Maj Edgar A. Bradley. illus AF Compt 3:14-15 Mar '71

Computers get trial run to update maintenance. Paul Collins. AF Times 32:62 Dec 8 '71

Eliminating safety hazards in future Army aircraft. (Adapted from paper, 2d Government Industry System Safety Conference, Goddard Space Flight Center, Greenbelt, Md, May 26, 1971) illus USA Avn Dig 17:52-57 Nov '71

They call it MACIMS (Military Airlift Command Integrated Management System). LtCol Jack A. Evans. illus AF Compt 5:34-36 Nov '71

The wheel, sliced bread--and MIS (Management Information System). Col William R. Lambert. illus tabs AF Compt 5:4-7 Mar '71

A world of changing systems. Col Robert G. Hillman. illus Mil Rev 51:42-47 Dec '71

MANCHURIAHistory

Restraints on air power in limited war: Japan vs USSR at Chankufeng, 1938. Alvin D. Coox. illus map Aerosp Hist 17:118-126 Dec '70

MANEUVERSSee also

Combined Operations
Joint Operations
War Games

also specific exercises and/or operations by name

Air Force--U.S.

\$38.5 million set for (field flying) exercises in 72. AF Times 32:4 Aug 18 '71

Armed Forces--Russia

Soviet exercises: Publicity plays a part. John Marriott. Armed Forces J 108:20-21 May 3 '71

Soviet military exercises. P.H. Vigor. illus Royal United Svc Inst for Def Studies J 116:23-29 Sep '71

MANEUVERS - ContinuedArmy--Russia

Tank battalion tactical exercise with field firing. Col M. Loginov and others. maps Soviet Mil Rev No. 5: 17-19 May '71

Army--U.S.

Climb the ice river. SP5 Tom Bailey. illus Soldiers 26:16-20 Oct '71

Marine Corps--Russia

Soviet Marines attack. Val Goltsev. (Trans and digested from a Russian publication) illus MarCor Gaz 55:43-44 Sep '71

Marine Corps--U.S.

Cordon at Phuoc Yen. Capt Richard D. Camp. illus map MarCor Gaz 55:28-31 Feb '71

National Guard--Air Force--U.S.

Summer 1971 happenings. illus Air Reservist 23:6-11 Oct '71

National Guard--Army--U.S.

Six-day drill in land of six-month night. illus Natl Guardsman 25:17-19 Jan '71

Reserve Forces--Air Force--U.S.

Summer 1971 happenings. illus Air Reservist 23:6-11 Oct '71

MANNED vs UNMANNED FLIGHT

Reliability of automation versus manned spaceflight. Boris Evseev. Space World H-8-92:31-33 Aug '71

Why we need the B-1. (Remarks, Long Island Section, American Institute of Aeronautics and Astronautics, Woodbury, Long Island, NY, Nov 10, 1970) BrigGen Douglas T. Nelson. AF Pley Ltr for Comdrs: Sup No. 1:24-31 Jan '71

MANPOWERUnited States

Air Force training and our national economy. LtGen George B. Simler. illus AU Rev 22:26-33 Sep-Oct '71

America's manpower problems. Eli Ginzberg. Persp in Def Mgt, pp 11-18, May '71

Project REFLEX (REsource FLEXibility). John W. Cooley. illus Armed Forces Compt 15:12-15 Fall '70

MANPOWER, MILITARY

For strength of the Services see subdivision Statistics under the respective Service, e.g., Air Force--United States--Statistics

See also

Military Service, Compulsory
Personnel

Mobilization

See Mobilization, Military

United States

AFA eyes manpower woes. Ed Gates. AF Times 32:20 Oct 6 '71

The all-volunteer Force--possible or probable? (Report on Military Manpower Challenge Symposium, AFA Convention, Washington, Sep 21, 1971) Capt John T. Correll. illus AF Mag 34:70-75 Nov '71

MANPOWER, MILITARY - ContinuedUnited States - Cont'd

America's manpower problems. Eli Ginzberg. Persp in Def Mgt, pp 11-18, May '71

As resources decrease, the same mission looms ahead. TIG Brief 23:1 Jan 29 '71

The combat slice. Col Robert B. Rigg, Ret. illus tabs Army 21:20-27 Jun '71

Defense manpower. Interview. Roger T. Kelley. illus Govt Exec 3:55+ Apr '71

House starts probe of military manpower problems. James D. Hessman. illus Armed Forces J 109:55-56 Nov '71

Human relations and Air Force readiness. (Remarks, Air Force Sergeants Assoc, Washington, Aug 31, 1971) Gen John C. Meyer. AF Pley Ltr for Comdrs Sup No. 10:6-11 Oct '71

Manpower: Development and use. SMSgt Bruce Emerson. USAF Instrs J 9:65-68 Summer '71

The military manpower challenge. (Remarks, Military Manpower Challenge Symposium, AFA Convention, Washington, Sep 21, 1971) LtGen Robert J. Dixon. AF Pley Ltr for Comdrs: Sup No. 11:23-28 Nov '71

Military people get older, smarter. tab AF Times 31:6 May 26 '71

1971--less money, fewer people, more jobs. Editorial. John L. Frisbee. AF & Space Dig 54:4-5 Jan '71

The officer corps in an all-volunteer Force: Will college men serve? (A group research project) Col Robert L. Nichols and others. tabs illus Nav War Col Rev 23:31-50 Jan '71

Services warn of peril if draft is eliminated AF Times 32:4 Sep 29 '71

6535 (USAF uniformed personnel) assigned non-AF duties--most serve in DOD. AF Times 32:13 Aug 11 '71

'Top-heavy' services hit--rank examined. Bob Horowitz. AF Times 32:3 Oct 27 '71

Costs

And of course...people. Roger T. Kelley. illus Armed Forces Compt 16:17-20+ Spring '71

MANPOWER, TECHNICALSee also

Engineers
Scientists

Army

Do their thing. (Army Scientific and Engineering Assistance Program) illus Soldiers 26:12-13 Dec '71

National Guard--Armed Forces

Draft extension "essential," say AGs (at Annual Conference, Adjutants General Assoc, Santa Fe, NM, May 1971). illus Natl Guardsman 25:24-28 Jul '71

Guard technicians lose bid for four-day week. AF Times 32:20 Nov 24 '71

Justice sought for Guard's technicians. Natl Guardsman 25:28 Nov '71

National Guard--Army

Technician slots OK'd for recruiters, civil engineers. Natl Guardsman 25:14 Jun '71

MANSFIELD, Michael J.

Conferees (House-Senate) approve \$2.4-billion pay hike. tabs Armed Forces J 108:12-13 Jul 19 '71

NATO force cuts seen despite Mansfield defeat. Armed Forces J 108:14 Jun 7 '71

MANUALS

Here are entered articles on the preparation of official manuals of the Services.

Air Force

Manuals of microfiche--help us to help you. TIG Brief 23:16 Dec 31 '71

Uniform additions discourages--revised manual (AFM 35-10) gives criteria. AF Times 32:10 Oct 6 '71

Army

Calling all drill experts--a new FM 22-5. Capt Robert E. Willis. illus Infantry 61:14-16 Sep-Oct '71

MAPS AND MAPPING

AU map collection shows entire earth. AF Times 31:33 Mar 3 '71

(Aerial imagery resembling photographs made by side-looking radar system) illus Signal 25:170+ Jun '71

Algeria embarks on a 3-year treasure hunt. Charles D. LaFond. illus Govt Exec 3:20-21 May '71

Flying general (MajGen Paul R. Stoney) finds early seafarers' maps. illus AF Times 32:32 Oct 6 '71

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

Mapping in Southeast Asia. Col Edward G. Anderson, Jr. maps Mil Engr 63:232-235 Jul-Aug '71

Mapping sand deposits in the ocean. Capt Michael E. Field. illus Mil Engr 63:384-385 Nov-Dec '71

Mapping the surface of Mars. Charles A. Cross. illus maps Spaceflight 13:402-407 Nov '71

Orienteering: New lap in the map gap. Capt Vernon W. Humphrey. illus tab Infantry 61:54-56 Jan-Feb '71

Orienteering: Sport for Marines: LtCol Arne N. Lundell. illus maps MarCor Gaz 55:24-27 Jun '71

(Photogrammetry, the art of making surveys and maps from photographs) illus Signal 25:66 May '71

Photography in space: Past, present and future. H. J. P. Arnold. illus Signal 26:30-33 Oct '71

SLAR (Side-Looking Airborne Radar) to map uncharted regions. illus map Interavia 26:712 Jun '71

EquipmentMaintenance and Repair

A bug for accuracy (the Black Widow spider). Lt Harry J. Kingdom. illus Army Dig 26:24-25 Feb '71

History

They rediscovered America--map makers' moments of greatness. CSGM Vern H. McCartney, Jr. illus Soldiers 26:18-21 Aug '71

MARCHBANKS, Tom E., Jr

(Air) Reserve chief retires. Patricia R. Muncy. por AF Mag 54:68 Mar '71

Gen Marchbanks, first chief of USAFR, has retired from active duty as of Feb 1 (1971). por Officer 47:29 Feb '71

Gen Marchbanks retires. Air Reservist 23:14 Feb '71

MARINE BIOLOGY

Biodeterioration of materials in the sea. E. C. Haderlie. illus Mil Engr 63:159-163 May-Jun '71

MARINE CORPSBrigades, Divisions, etc

In the air with MAG (Marine Aircraft Gp)-21. LtGen Claude A. Larkin. illus MarCor Gaz 55:33-35 Nov '71

The (Liberty) Bridge (at An Hoa): A study in defense. Capt Wayne A. Babb. illus map MarCor Gaz 55:16-23 Jun '71

Oldest in the Corps (Marine Aircraft Group-11). MarCor Gaz 55:6 Sep '71

Organization

At sea--where we belong. Maj Robert C. McFarlane. illus US Nav Inst Proc 97:36-42 Nov '71

Great Britain

Her Majesty's Royal Marines; a report. Col Norman L. Dodd. illus MarCor Gaz 55:34-38 Oct '71

Private Pagett USMC (English bulldog mascot presented by Royal Marines). BrigGen Dion Williams. (Reprinted from MarCor Gaz, Sep 1927) illus MarCor Gaz 55:43-46 Nov '71

History

A day with the (Royal Welch) Fusiliers. LtCol Harry W. Edwards. illus MarCor Gaz 55:55-56 Nov '71

Philippines (Republic)History

Philippine Marines: A nation's pride. Comdr Cesar C. Betita. illus MarCor Gaz 55:39-42 Oct '71

Russia

Soviet Marines attack. Val Goltsev. (Trans and digested from a Russian publication) illus MarCor Gaz 55:43-44 Sep '71

Soviet Naval Infantry: A new capability. (Research paper, School of Naval Warfare, 1971?) LtCol Donald K. Cliff. illus tab Nav War Col Rev 23:90-101 Jun '71

United States

An alternative proposal (to BrigGen Henderson's "The FMF"). Col Lee R. Bendell. MarCor Gaz 55:51-52 Sep '71

Can the Marines be a band of Spartans in the age of Aquarius? Mel Jones. illus AF Times, Family sup:6-7+ Nov 3 '71

Challenge of the computer. LtCol David H. Wagner. MarCor Gaz 55:51-52 Jan '71

Chapman: An emphasis on combat readiness, quality, spirit, and discipline. Gen Leonard F. Chapman, Jr. illus Armed Forces J 108:34-36+ Jan 4 '71

MARINE CORPS - ContinuedUnited States - Cont'd

Committee for Minority Affairs (Marine Corps advisory group). MarCor Gaz 55:5 Oct '71

Corps coastal survey teams. CWO Jerry E. Bunting. MarCor Gaz 55:50-51 Jun '71

Drug amnesty (Marine Corps policy statement on drug amnesty). MarCor Gaz 55:5 Jul '71

Embassy Marine. Raymond J. Barrett. illus MarCor Gaz 55:27-31 Mar '71

An environment of human worth. Maj William R. Campbell, Jr. illus MarCor Gaz 55:23-25 Sep '71

The FMF: An alternative future and how to get there. BrigGen F. P. Henderson, Ret. illus tabs charts MarCor Gaz 55:18-48 Jul '71

Gen Lewis W. Walt retires following 35 years' service. MarCor Gaz 55:3 Mar '71

HQMC couldn't care more (1st MC wide company grade officers' symposium). LtCol David L. Althoff. illus MarCor Gaz 55:57-58 Nov '71

High Desert mock war no measure of Reserve readiness. Col Jeremiah O'Leary. illus MarCor Gaz 55:42-44 Jan '71

How to aid officer retention. Capt Marvin T. Hopgood, Jr. illus MarCor Gaz 55:21-27 Jan '71

Incentives: 1st USN, now USMC. Ed Gates. AF Times 32:13 Dec 1 '71

Into the third century: A selective force in a ready state--the Marines. Gen R. G. Davis. illus Sea Power 14:28-35 Oct '71

It will be a different Marine Corps as Chaisson gets rolling along. Interview. LtGen John R. Chaisson. illus Govt Exec 3:67+ Sep '71

Let's fall back and regroup. Col Edward A. Timmes. illus MarCor Gaz 55:52-53 May '71

LtGen Raymond G. Davis to become Assistant CMC. MarCor Gaz 55:2 Mar '71

Look sharp, feel sharp, is sharp. Maj W. I. Ferrier. MarCor Gaz 55:49-50 Mar '71

Make it right. Gen Leonard F. Chapman, Jr. illus MarCor Gaz 55:18-20 Jan '71

Marine Commandant race wide open. Armed Forces J 109:21 Nov '71

Marine Corps forecasters. LtCol O. Robert Edmondson. MarCor Gaz 55:14-15 Aug '71

Marines and the mobile message. Alvin Lemack and Clarence Sidlo. illus Signal 25:73-74+ Jun '71

Marines face the future. Gen Leonard F. Chapman, Jr. illus Ordnance 55:522-525 May-Jun '71

Maritime support of the campaign in I Corps. CDR Frank C. Collins, Jr. illus maps US Nav Inst Proc 97:156-179 May '71

Mistrust and suspicion. SGM Edward J. Urban. MarCor Gaz 55:49-50 Jun '71

OCS views professionalism. Col H. E. Ing, Jr and others. illus MarCor Gaz 55:40-43 Mar '71

Professional military education. Maj R. K. Ryman. illus MarCor Gaz 55:44-46 Mar '71

Purpose, readiness, quality, progress. (Extracts from remarks, Navy League Symposium, March 17, 1971) Gen L. F. Chapman, Jr. MarCor Gaz 55:16 Apr '71

MARINE CORPS - ContinuedUnited States - Cont'd

- Staff Non-Commissioned Officer Academy. illus
MarCor Gaz 55:49-51 May '71
- Tough and proud of it! Maj Robert E. Hamilton.
MarCor Gaz 55:48-49 Apr '71
- The ultimate weapon (professionalism in Marine
Corps). BrigGen Robert D. Bohn. MarCor Gaz
55:48-49 Oct '71
- What to expect from I&I duty. Maj Gary E. Elliott.
MarCor Gaz 55:59-60 May '71

History

- The "Babe" (GySgt Herman Tharau). James R. Nino.
illus MarCor Gaz 55:27-28 Nov '71
- Bill Horton and the Boxer Rebellion. SGM Jack W.
Junal. illus MarCor Gaz 55:29-32 Nov '71
- A brigade of Marines. (Discussion of fighting at
Belleau Wood) LtGen M. H. Silverthorn. illus
MarCor Gaz 55:23-26 Nov '71
- A day with the (Royal Welch) Fusiliers. LtCol Harry
W. Edwards. illus MarCor Gaz 55:55-56 Nov '71
- Into the third century: A selective force in a ready
state--the Marines. Gen R. G. Davis. illus Sea
Power 14:28-35 Oct '71
- Private Pagett USMC (English bulldog mascot pre-
sented by Royal Marines). BrigGen Dion Williams.
(Reprinted from MarCor Gaz, Sep 1927) illus
MarCor Gaz 55:43-46 Nov '71
- Return to So-Pac (to see evidence of Marine Corps
WWII efforts). George McMillan. illus MarCor
Gaz 55:48-54 Nov '71
- Seagoing Marines. Pictorial. US Nav Inst Proc
97:65-76 Nov '71
- A seaman for all seasons (LtCol John M. Gamble).
LT Alexander G. Monroe. illus US Nav Inst Proc
97:69-71 Feb '71
- They landed to lower the flag. Bernard C. Nalty and
Truman R. Strobebridge. illus US Nav Inst Proc
97:62-64 Nov '71
- Tiger of the mountains. (Marine Corps in second
Nicaraguan campaign) 2dLt Scott W. McKenzie
illus MarCor Gaz 55:38-42 Nov '71
- The unbreakable code (Navajo Indian Code Talkers).
Isabel Simmons. MarCor Gaz 55:59 Nov '71

Organization

- An alternative proposal (to BrigGen Henderson's
"The FMF"). Col Lee R. Bendell. MarCor Gaz
55:51-52 Sep '71
- The FMF: An alternative future and how to get there.
BrigGen F. P. Henderson, Rct. illus tabs charts
MarCor Gaz 55:18-48 Jul '71
- The Marine rifle squad. Capt Douglas C. MacCaskill.
illus MarCor Gaz 55:40-43 Apr '71

MARINE CORPS AVIATION

- Above the best. LtCol W. G. Cretney and Lt R. J.
Dooling. illus MarCor Gaz 55:32-35 Jun '71
- Aviation awards winners (Marine Aviator of the Year
Maj David G. Vest and Marine Flight Officer of the
Year Capt John D. Cunningham). illus MarCor Gaz
55:2 Dec '71

MARINE CORPS AVIATION - Continued

- Chapman: An emphasis on combat readiness, quality,
spirit, and discipline. Gen Leonard F. Chapman,
Jr. illus Armed Forces J 108:34-36+ Jan 4 '71
- Find a need and fill it. MajGen H. S. Hill. illus
MarCor Gaz 55:18-19 May '71
- Flying Marines--in retrospect. LtCol Edward C.
Johnson. MarCor Gaz 55:45-46 Apr '71
- Helicopter or fixed wing? Both! Col Noah C. New.
illus MarCor Gaz 55:25-30 May '71
- Identification letters--U. S. Navy & Marine Corps air
units. Duane A. Kasulka. illus tabs Am Avn Hist
Soc J 16:294-302+ Winter '71
- Marine Aviation in Vietnam, 1962-1970. LtGen Keith
B. McCutcheon. illus maps tabs US Nav Inst Proc
97:122-155 May '71
- Round pegs for round holes. Col Donald L. May. illus
MarCor Gaz 55:43-46 May '71
- What every Marine should know about Harrier--an
explanation about a giant step into the V/STOL
era. LtCol J. R. Braddon. illus MarCor Gaz 55:
20-24 May '71

Equipment

- AV-8A, Harrier. illus Approach 17:18-23 Jul '71
- First Harriers delivered to Marines. Armed Forces J
108:17+ Jan 18 '71
- Harrier in the U. S. Marine Corps. illus Interavia
26:1035-1036 Sep '71; Intl Def Rev 4:434-435
Oct '71
- Pegasus jets for Marine Harriers assured despite
Rolls-Royce troubles. Armed Forces J 108:16
Feb 15 '71

History

- In the air with MAG (Marine Aircraft Gp)-21. LtGen
Claude A. Larkin. illus MarCor Gaz 55:33-35
Nov '71

MARINE RESOURCES

- U. S. oceanic programs and policy. (Lecture, Naval
War College, 1970) A. Denis Clift. illus Nav War
Col Rev 23:24-30 Jan '71

MARITIME ACADEMIESUnited States

- Wartime training for Merchant Marine officers.
CAPT John W. Schute. illus US Nav Inst Proc 97:
102-103 Mar '71

MARITIME ADMINISTRATIONSee also

- Merchant Marine--U. S.
- Funding increased for engineers, VA, Coast Guard,
and Mar(itime) Ad(ministration). Armed Forces J
108:36-37+ Feb 15 '71
- New interagency study (SPANS--Sealift Procurement
And National Security) focuses on maritime prob-
lems. James D. Hessman. illus Armed Forces J
108:26-28 Jul 19 '71
- New shipbuilding programs fail to halt precipitous
decline in sealift capabilities. James Hessman.
tab illus Armed Forces J 108:25-27+ Apr 5 '71
- U. S. Government transport agencies. illus charts
Def Trans J 27:23-45 Nov-Dec '71

MARKETING RESEARCH

SAMI (Selling Areas-Marketing, Inc) or Nielsen-- which shall it be? (Service commissaries seek best source for market data) Ralph E. Risley. illus Review 51:43+ Sep-Oct '71

MARKETS AND MARKETING

Military Exchanges Resale Seminar. (DSA Convention, 1971) John G. Tower and others. illus Review 51:77-79+ Nov-Dec '71

SAMI (Selling Areas-Marketing, Inc) or Nielsen-- which shall it be? (Service commissaries seek best source for market data) Ralph E. Risley. illus Review 51:43+ Sep-Oct '71

MARKSMANSHIP

First Winston P. Wilson Championship draws 400. illus Natl Guardsman 25:43 Nov '71

Study and Teaching

Accent on marksmanship. LtCol W. W. McMillan and Capt R. E. Mattingly. illus MarCor Gaz 55:18-22 Sep '71

Pistol training for combat. Maj William I. Ferrier. MarCor Gaz 55:50-51 Aug '71

Practice-firing devices. Col V. Moskalenko. illus Soviet Mil Rev No. 10:36-37 Oct '71

Shoot for a bull. (Army Marksmanship Training Unit) SP5 Tom Bailey. illus Soldiers 26:42-45 Oct '71

MAROUN, Autrey J.

Output related cost factors for the Operations and Maintenance (O&M) appropriation. MajGen Autrey J. Maroun. por Armed Forces Compt 16:13-17+ Fall '71

MARRIAGE

Couples advised on tours. AF Times 31:9 Jun 2 '71

Everyone's in favor of motherhood, but... Bruce Callander. AF Times 31:13 Mar 31 '71

The law and you. AF Times, What divorce proceedings entail. 31:30 Jan 6 '71; Several methods finalize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose. 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

MARRS, Theodore C.

Dr Marrs cites advances in total force plan--Reserves must prove ability to meet new role. Interview. Theodore C. Marrs. por Officer 47:20-21+ Nov '71

Dr Marrs stresses free communication between Defense and Reserves--actions back up Laird's statement on policy for Reserves and Guard. (Key-note speech, National Council, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971) por Officer 47:8-10 Apr '71

MARRS, Theodore C. - Continued

Personnel losses concern Navy Reserve leaders, Dr Marrs tells Navy Section at Mid-Winter Luncheon. (ROA Mid-Winter Conference, Washington, Feb 18-19, 1971) Officer 47:27 Apr '71

Total Force concept. (Remarks, ROA Convention, San Diego, Calif, June 18, 1971) Theodore C. Marrs. AF Ploy Ltr for Comdrs: Sup No. 9:7-12 Sep '71

MARS (PLANET)See also

Space Flight to Mars

Earth/Mars orbit demonstrations. John R. Millburn. illus tab Spaceflight 13:259-262 Jul '71

Mapping the surface of Mars. Charles A. Cross. illus maps Spaceflight 13:402-407 Nov '71

Mars is nearing Earth. Musa Y. Qutub. illus tab Space World H-7-91:4-10 Jul '71

Super hurricanes on Mars? Space World H-11-95:37 Nov '71

What is Mars like? Ivan Koval. illus Space World H-8-92:40-41 Aug '71

MARSHALL, George C.

Professionalism: The hard choice. Frederick C. Thayer. por US Nav Inst Proc 97:36-40 Jun '71

They had charisma: (Gens) Marshall, Bradley, Patton, Eisenhower; from the papers of LtGen Raymond S. McLain. LtCol Albert N. Garland, Ret. por Army 21:26-31 May '71

MARSHALL, Samuel L.A.

Custer: The Little Big decisions. BrigGen S. L. A. Marshall, Ret. illus map Army 21:34-41 Jun '71

The fickle public affection. BrigGen S. L. A. Marshall, Ret. illus Natl Guardsman 25:12-16 Jul '71

S. L. A. Marshall speaks out. Interview. BrigGen Samuel L. A. Marshall. illus Infantry 61:46-51 May-Jun '71

MATERIALSSee also

Plastic Materials

Textile Industry and Trade

also subdivision under specific subjects,

Airplanes, Military--Materials

Helicopters, Military--Materials

Materials report. Regular feature in issues of Ordnance

More mileage than programmed from military R&D (at Air Force Materials Laboratory). Alan M. Lovelace. illus AU Rev 22:14-23 Mar-Apr '71

A new national policy for materials. Franklin Pierce Huddle. Mil Engr 63:157-158 May-Jun '71

Nylon jackets (for) aircraft control cables. P. L. Smith. illus Aerosp Safety 27:26-27 Jul '71

Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71

Use of rigid urethane foam for roof surfaces. Bruce C. Gandy. illus AF Civil Engr 12:25-26 May '71

MATERIALS - ContinuedTesting

New landing surface. illus USA Avn Dig 17:8-9 Mar '71

Predictive testing for advanced Air Force systems. (Address, National Symposium on Predictive Testing, Anaheim, Calif, April 21, 1971) Col Richard G. Rumney. AF Plcy Ltr for Comdrs: Sup No. 7:9-14 Jul '71

MATERIALS HANDLINGSee also

Containers
Loading and Unloading

Back-breaking efforts regain cargo pallets. Sgt John H. Mueller. AF Times 31:18 Jan 6 '71

Dangerous cargo--"hot" or "cold." Capt Robert B. Reeser. illus Aerosp Safety 27:6-7 Jun '71

Dangerous cargo is still dangerous. TIG Brief 23:18 May 7 '71

Packaging and Materials Handling Seminar. (DSA Convention, 1971) MajGen J. G. Kalergis and others. illus tabs Review 51:43+ Nov-Dec '71

The peaceful Pacific explosion. S. Charles Knight. illus tab Def Trans J 27:44-47 Mar-Apr '71

Qualifying equipment operators. (Norton AFB, Calif MHE program) illus Aerosp Safety 27:14-15 Oct '71

Safe transportation: Our goal for hazardous materials. RADM William F. Rea III. illus Def Trans J 27:28-31 Mar-Apr '71

Services test off-shore unloading of container ships. illus Translog 2:10 Mar '71

Equipment

The 463L materials handling system--its origins and future. Col Russell C. Clarke. illus Review 50:35-36+ Jan-Feb '71

MATHIAS, Charles M., Jr

Proxmire-Mathias defeated; DOD "saves" 1.7-million jobs. Armed Forces J 108:13-15 Jul 19 '71

MAURY, Matthew F.

Herndon, Maury, and the Amazon Basin. James P. Reddick, Jr. illus maps US Nav Inst Proc 97:56-63 Mar '71

MAYES, Archie S.

Three keys to base civil engineering productivity. BrigGen Archie S. Mayes. illus AF Civil Engr 12:14-15 Aug '71

MEASUREMENTSee also

Telemetry

(Changeover to the metric system) Signal 26:59 Oct '71

Department of Defense (DOD) metric study. TIG Brief 23:19-20 May 21 '71

The metric system and you. Cornelius C. Morelli. illus Translog 2:6-7+ Jul '71

(NASA becomes the first federal agency to adopt the metric system) Signal 25:94 Jan '71

MEASUREMENT - Continued

Time to change. LCDR E. L. Frasier, Ret. illus US Nav Inst Proc 97:46-53 Jun '71

U.S. prepares to convert to the metric system of measurement. Leon Shloss. tab Govt Exec 3:40-41 Dec '71

History

The metric system and you. Cornelius C. Morelli. illus Translog 2:6-7+ Jul '71

MECHANIZED FORCES see ArmorMEDAL OF HONOR

Add four for glory. Donald C. Wright. illus Army Dig 26:20-25 Mar '71

Beyond the call. (President Nixon awards Medal of Honor to Capt Harold A. Fritz.) illus Armor 80:3 May-Jun '71

Capt Wesley L. Fox awarded 48th MOH for RVN heroism. illus MarCor Gaz 55:2 Apr '71

Dean of the dust-offers. (CWO Michael J. Novosel earns Medal of Honor) L. James Binder. illus Army 21:16-21 Aug '71

Dr Mary Walker took it with her--only woman to receive the Medal of Honor. Philip R. Smith, Jr. illus Soldiers 26: inside front cover Aug '71

Five Marines posthumously awarded Medal of Honor. illus MarCor Gaz 55:3 Oct '71

49th Medal of Honor awarded Reservist (Pvt Raymond M. Clausen, Jr). MarCor Gaz 55:2 Aug '71

Four Medals of Honor awarded posthumously (to families of SSgt Karl G. Taylor. LCpls Thomas P. Noonan, Jr and Lester W. Weber, and PFC Daniel D. Bruce). MarCor Gaz 55:2 Mar '71

Medal of Honor (awarded) to fourteen soldiers. illus Army 21:8-9 Apr '71

Medal of Honor (awarded to six soldiers). illus Army 21:22-3 Aug '71

Medal of Honor (posthumously awarded to 1stLt Robert L. Poxon, platoon leader on a reconnaissance mission in Tay Ninh Province, Republic of Vietnam). illus Armor 80:3 Sep-Oct '71

Medal of Honor: 12 brave men. illus AF Times 32:38 Sep 1 '71

Three soldiers (SP4 Michael R. Blanchfield, Sgt Rodney J. Evans, SSgt Robert J. Pruden) cited for gallantry (and awarded posthumous Medals of Honor). illus Army 21:10 Jun '71

The ultimate sacrifice--his life for his friends. (Medal of Honor awarded posthumously to SP4 Daniel Fernandez) illus Soldiers 26: inside front cover Sep '71

Why not? (Capt Paul Bucha wins Medal of Honor and named one of 10 Outstanding Young Men of 1971 by National Jaycees) SP5 David A. Lewis. illus Soldiers 26:29-31 Aug '71

MEDALS see Awards, Decorations, etcMEDICAL AND SANITARY AFFAIRSSee also

Vietnamese Conflict, 1957- --Medical and Sanitary Affairs

Excedrin headache #39. LtCol L. J. Enders. illus Interceptor 13:20-22 Mar '71

MEDICAL AND SANITARY AFFAIRS - ContinuedAir Force

Clinical laboratory mercury hazard. TIG Brief
23:4 Sep 24 '71

Insect control. TIG Brief 23:11 Apr 23 '71

Smallpox vaccine backfires. AF Times 31:9 Feb 17 '71

TB crackdown ordered. AF Times 32:22 Sep 29 '71

TV inspection and chemical grouting of sanitary
sewer lines. Bruce C. Gandy. illus AF Civil Engr
12:6-7 Feb '71

Armed Forces

The microwave: From cosmos to cuisine. Col Barney
Oldfield, Ret. illus map NATO's Fifteen Nations
16:58-64 Jun-Jul '71

Navy

A matter of involvement. (Navy's venereal disease
prevention program) LT Whitney P. Thomas. illus
US Nav Inst Proc 97:104-105 Apr '71

History

When smallpox struck. LT George Smith Blake. illus
US Nav Inst Proc 97:78-81 Sep '71

MEDICAL CENTERS AND SCHOOLSAir Force

Civilian approval lags for health technicians (trained
by Air Force). AF Times 32:22 Sep 29 '71

100 EM to train as doctor aides. AF Times 31:3
Jun 2 '71

USAF School of Aerospace Medicine Outstanding In-
structor Awards, 1970: LtCol Walter C. Barnes,
Maj Hugh F. Mulligan, SMSgt John L. Lund, and
TSgt John P. Gibeau. illus USAF Instrs J 8:2-3
Spring '71

Armed Forces

DOD plans ten-point program to end doctor draft.
James D. Hessman. illus Armed Forces J 108:
17-19+ Mar 1 '71

House panel approves health manpower bill. Armed
Forces J 109:14-15 Nov '71

Medical school nears House OK. AF Times 32:16
Oct 13 '71

MEDICAL CORPSAir Force--U.S.

Few doctors moonlight, despite patients' gripes.
Jim Sample. AF Times 31:1+ Jul 28 '71

"How much does it cost" pamphlet. tab TIG Brief
23:19-20 Dec 31 '71

189 doctors rise to O-5, 6--liberalized criteria.
AF Times 31:8 Jan 20 '71

Armed Forces--U.S.

All-vol pool of medics questioned. AF Times 31:3
Mar 3 '71

Base care cut nears--services must slash doctor,
dental corps. illus AF Times 32:1+ Dec 15 '71

DOD plans ten-point program to end doctor draft.
James D. Hessman. illus Armed Forces J 108:
17-19+ Mar 1 '71

MEDICAL CORPS - ContinuedArmed Forces--U.S. - Cont'd

House panel approves health manpower bill. Armed
Forces J 109:14-15 Nov '71

Medic raises sought. Bob Schweitz. AF Times 31:1+
Mar 17 '71

Military medic use hit--misassignments alleged.
AF Times 31:4 May 26 '71

Army--China (People's Republic)

Medical care in rural China. Bruce Esposito. MarCor
Gaz 55:9-11 Jun '71

Army--U.S.

From private to physician. Patricia Stocker. illus
Soldiers 26:58-59 Jun '71

Navy--U.S.

Navy medicine--a new prescription. CDR Peter A.
Flynn. illus US Nav Inst Proc 97:42-47 Feb '71

Prognosis for Navy medicine. RADM C. L. Waite.
illus chart US Nav Inst Proc 97:32-36 Dec '71

History

The U.S. Navy Medical Corps--a century of service.
Pictorial. CAPT Charles L. Waite. US Nav Inst
Proc 97:64-77 Mar '71

MEDICAL EDUCATION PROGRAM

Med schools program expands entry criteria. AF
Times 32:3 Dec 29 '71

MEDICAL EQUIPMENT AND SUPPLIES

An automatic device for recording blood pressure.
Heriberto Fernandez and Robert Robinson III.
illus Aerosp Med 42:209-210 Feb '71

"How much does it cost" pamphlet. tab TIG Brief
23:19-20 Dec 31 '71

Management of equipment assets. TIG Brief 23:16
Apr 23 '71

Medic develops blood recycler--transfusion costs cut.
AF Times 31:35 Feb 17 '71

Medical Seminar. (DSA Convention, 1971) R.H.
Frese. Review 51:63+ Nov-Dec '71

Medics combat electric hazards. AF Times 32:5
Sep 8 '71

Now there's MUST (Medical Unit Self-contained
Transportable field hospital). illus Soldiers
26:38-40 Dec '71

Winged ward (Special Airborne Medical Care Unit)
tested. AF Times 31:18 Jul 14 '71

Costs

CHAMPUS allays cost of equipment. tab AF Times
31:43 Mar 24 '71

Maintenance and Repair

Medics set up repair centers. AF Times 31:11
Apr 14 '71

Periodic checking of medical examining equipment.
TIG Brief 23:17 Apr 23 '71

MEDICAL EXAMINATIONS

Electroencephalograms of 2,947 United States Air Force Academy cadets (1965-1969). Paul L. Richter and others. tabs Aerosp Med 42:1011-1014 Sep '71

Epilepsy and medical examinations of flight personnel, importance and difficulty of diagnosis. J. Lavernhe and others. Aerosp Med 42:889-890 Aug '71

Maxwell (AFB, Ala) holds 'health week 71.' AF Times 31:32 Jul 7 '71

Medical examination for FAA certification. TIG Brief 23:25 Mar 12 '71

Preventive maintenance medicine. LtCol L.J. Enders. illus Interceptor 13:5-7 Feb '71

MEDICAL LABORATORIES

Clinical laboratory mercury hazard. TIG Brief 23:4 Sep 24 '71

Expansion slated in drug testing. AF Times 32:6 Sep 1 '71

Hospitals to test lab computers. AF Times 32:8 Sep 15 '71

MEDICAL SERVICESee also

Dental Corps	Nurse Corps
Medical Corps	Veterinary Corps
Medical Service Corps	

Study and Teaching

Civilian approval lags for health technicians (trained by Air Force). AF Times 32:22 Sep 29 '71

Air Force--U.S.See also

Flight Surgeons

Abortions opponent loses fight. Jim Sample. AF Times 31:3 Feb 3 '71

Cigarette control pushed. AF Times 32:1+ Nov 17 '71

Doctors reshape lives overseas. AF Times 31:41 May 5 '71

Exaggerated hospital workloads. TIG Brief 23:7 Apr 23 '71

Future trends in military health care. (Address, 20th International Congress of Military Medicine and Pharmacy, Brussels, Belgium, June 27, 1971) LtGen Alonzo A. Towner. AF Plcy Ltr for Comdrs: Sup No. 12:13-18 Dec '71

Guidelines for health care consent. TIG Brief 23:15-16 Jun 18 '71

Management of equipment assets. TIG Brief 23:16 Apr 23 '71

Maxwell (AFB, Ala) holds 'health week 71.' AF Times 31:32 Jul 7 '71

Medical intelligence. TIG Brief 23:16 Dec 3 '71

Medical responsibility in drug user cases involving limited privileged communications. TIG Brief 23:9 Apr 9 '71

Medical support of aircrew members. TIG Brief 23:17 Jul 23 '71

Retired strain medics--hospitals can't meet demands. Jim Sample. AF Times 31:1+ Mar 3 '71

MEDICAL SERVICE - ContinuedAir Force--U.S. Cont'd

Specialized patient environment. TIG Brief 23:19-20 Feb 12 '71

USAF hospital facilities. TIG Brief 23:9 Mar 26 '71

Armed Forces--U.S.

Base care cut nears--services must slash doctor, dental corps. illus AF Times 32:1+ Dec 15 '71

Denticare gets high support. AF Times 32:2 Aug 18 '71

Nixon order hits at abortions. AF Times 31:6 Apr 21 '71

Nixon policy questioned on abortions in military. AF Times 31:13 May 12 '71

Seamans tells of new family housing, hospital programs. James D. Hessman. Armed Forces J 108:34 Jul 5 '71

Study forecasts new generation of military medical care. James D. Hessman. illus Armed Forces J 108:22-23+ Mar 1 '71

Army--U.S.

Face the future--plastic surgery skills in Vietnam help the maimed. Len Brown. illus Soldiers 26:68 Jun '71

Kicking the habit--Ft Bragg style. (Operation Awareness) SGM Fred H. Bost. illus Army 21:23-27 Mar '71

History

Dr Mary Walker took it with her--only woman to receive the Medal of Honor. Philip R. Smith, Jr. illus Soldiers 26: inside front cover Aug '71

National Guard--Air Force--U.S.

Two Boston nuns recall basic--Air Guard enlistees. illus AF Times 32:30-31 Dec 22 '71

Navy--U.S.

Navy medicine--a new prescription. CDR Peter A. Flynn. illus US Nav Inst Proc 97:42-47 Feb '71

Physicians' assistants: Can they augment the Navy medical service? (Research paper, College of Naval Warfare, 1971) CAPT Mario A. Vasquez. illus Nav War Col Rev 24:44-58 Oct '71

Prognosis for Navy medicine. RADM C. L. Waite. illus chart US Nav Inst Proc 97:32-36 Dec '71

Reserve Forces--Air Force--U.S.

State of perfection--444th Medical Service Fld, Griffiss AFB, NY). illus Air Reservist 23:12-13 Mar '71

China (People's Republic)

Medical care in rural China. Bruce Esposito. MarCor Gaz 55:9-11 Jun '71

United States

House legislation OKs VA kin medical care. AF Times 32:15 Oct 6 '71

Making medics into Medex. Betty Bransdorf. illus Army Dig 26:62-63 Feb '71

Medical aides train at 18 VA hospitals. AF Times 32:4 Oct 13 '71

Operation MEDIHC (Military Experience Directed Into Health Careers). Capt Gary A. Guimond. illus Airman 15:19-21 Dec '71

MEDICAL SERVICE CORPSAir Force--U. S.

A different kind of courage. Lt Richard Harris and SP4 William A. Ward. illus Army Dig 26:30-32 May '71

Medical talents wasting--common accreditation sought. AF Times 31:13 Jun 9 '71

Non-M. D. 's to head 4 hospitals--two-year trial planned. Jim Sample. AF Times 32:4 Aug 25 '71

100 EM to train as doctor aides. AF Times 31:3 Jun 2 '71

Operation MEDIHC (Military Experience Directed Into Health Careers). Capt Gary A. Guimond. illus Airman 15:19-21 Dec '71

Qualifications set up for physicians' aides. Jim Sample. AF Times 31:1+ Jan 13 '71

25 NCOs begin training as physician assistants--two-year program. Jim Sample. AF Times 31:4 Jul 21 '71

Armed Forces--U. S.

House panel approves health manpower bill. Armed Forces J 109:14-15 Nov '71

Army--China (People's Republic)

Medical care in rural China. Bruce Esposito. MarCor Gaz 55:9-11 Jun '71

Army--U. S.

To your health. illus Soldiers 26:54-55 Oct '71

Navy--U. S.

Physicians' assistants: Can they augment the Navy medical service? (Research paper, College of Naval Warfare, 1971) CAPT Mario A. Vasquez. illus War War Col Rev 24:44-58 Oct '71

MEDICARE

Bill aids handicapped war orphans. AF Times 31:24 May 19 '71

CHAMPUS. Contact 25:8-9 May-Jun '71

CHAMPUS. Contact 25:8 Jul-Aug '71

CHAMPUS allays cost of equipment. tab AF Times 31:43 Mar 24 '71

CHAMPUS choice eyed. AF Times 32:3 Sep 8 '71

CHAMPUS deductible to begin. AF Times 31:19 Jun 2 '71

CHAMPUS explains delay in payments. AF Times 31:15 Feb 10 '71

CHAMPUS has the answers. (Interview with LtCol Charles H. Ertell, Jr) illus Army Dig 26:38-41 May '71

CHAMPUS offers wider eligibility. Ruth Chandler. AF Times 32:50 Dec 15 '71

CHAMPUS pays some 'aide' fees. AF Times 31:6 Mar 31 '71

CHAMPUS seen as 'too liberal.' AF Times 31:3 May 5 '71

CHAMPUS widens cost-saving plan. AF Times 31:6 Jun 23 '71

CHAMPUS will pay for prescriptions. AF Times 31:13 May 12 '71

Dental care \$ asked. AF Times 31:2 Feb 10 '71

MEDICARE - Continued

Four firms cover CHAMPUS 'gap.' AF Times 31:4 May 12 '71

Free choice of civilian or military facilities being considered for CHAMPUS beneficiaries. Officer 47:24 Oct '71

IRS probes CHAMPUS tax fraud. AF Times 31:24 Jun 2 '71

Many hazy on fringes. AF Times 31:41 Jan 27 '71

Retired strain medics--hospitals can't meet demands. Jim Sample. AF Times 31:1+ Mar 3 '71

TROA (Retired Officers Association) to offer insurance for actives' dependents. AF Times 32:58 Nov 17 '71

Uniformed Services health benefits program. TIG Brief 23:7 Jan 15 '71

Wider handicapped aid asked (to cover) kin of deceased and retirees. AF Times 31:6 Mar 31 '71

MEDICINE see Aviation Medicine; Military Medicine; Space Medicine

MEDITERRANEAN FLEET see Fleet, 6th

MEDITERRANEAN REGION

The air situation in the Mediterranean. John Marriott. illus map tab Intl Def Rev 4:429-432 Oct '71

NATO threat in the Mediterranean. Cols G. Arzumanov and V. Katerinich. illus Soviet Mil Rev No. 5:52-54 May '71

Soviet influence in the Mediterranean. Ferdinand Otto Miksche. (Trans and condensed from a German publication) illus Mil Rev 51:62-65 Sep '71

With the Mediterranean Squadron. Capts M. Korenevsky and M. Novikov. illus Soviet Mil Rev No. 12:51-53 Dec '71

History

Andrea Doria: Soldier of the sea. CAPT Brown Taylor, Ret. illus map US Nav Inst Proc 97:47-57 Sep '71

The Soviet presence in the Mediterranean: A short history. Philippe Masson and J. Labayle Couhat. (Trans from a French Publication) Nav War Col Rev 23:60-66 Jan '71

Strategic Importance

The Mediterranean. Mohamed Masmoudi. (Condensed from Survival, Dec 1970) illus map Mil Rev 51:31-37 Jun '71

Russia in the Med(iterranean). Frank Cervasi. illus map MarCor Gaz 55:26-30 Dec '71

MEDITERRANEAN SEA

The balance of power in the Mediterranean. John Marriott. illus Armed Forces J 108:34-35 May 17 '71

Oil--another pawn. Robert N. Merz. map Ordnance 56:211-213 Nov-Dec '71

Strategic Importance

The situation in the Mediterranean. John Marriott. illus tab NATO's Fifteen Nations 16:82-89 Oct-Nov '71

MEDITERRANEAN SEA - ContinuedStrategic Importance - Cont'd

'These wine dark seas'--as Vietnam winds down the Sixth Fleet becomes the fairhaired boy. L. Edgar Prina. illus Sea Power 14:21-24 Nov '71

MEMORIALSSee also

Battlefields
Cemeteries, National

Burba memorial. illus Armor 80:61 May-Jun '71

An exercise in recovery (at Farish Memorial Recreation Area). Capt Victor G. Barnes. illus AF Civil Engr 12:21 May '71

Hero (the late Col William A. Jones III) honored in dedication (of Air War College auditorium, Maxwell AFB, Ala). AF Times 31:38 Jun 23 '71

Overdue project for Seabee memorial at Arlington Cemetery. Officer 47:28 Jun '71

MENIST, Stuart D.

Three newcomers are named to positions on Army Reserve Forces Policy Committee. illus Officer 47:25 Feb '71

MENTAL HEALTH

Mental health in combat. LtCol Robert L. Pettera. illus Mil Rev 51:74-77 Mar '71

MERCHANT MARINE

The defence of merchant shipping. L.W. Martin. illus NATO's Fifteen Nations 16:28-33 Oct-Nov '71

Statistics

Merchant shipping data. Tables only. US Nav Inst Proc 97:352-353 May '71

Russia

Extracts of the CNO's report (to the Senate Armed Services Committee, Washington, 1971). ADM Elmo R. Zumwalt, Jr. illus Navy 14:13-15+ May '71

The influence of modern sea power, 1945-1970. RADM John D. Hayes, Ret. illus map US Nav Inst Proc 97:274-284 May '71

Russian maritime requirements. Michael McGwire. illus NATO's Fifteen Nations 16:22-27 Oct-Nov '71

Soviet maritime policies. Irwin M. Heine. illus tab Nav War Col Rev 24:1-12 Oct '71

Soviet merchant fleet: 13 million tons of political power. Albert E. May. illus Navy 14:25-29 Mar '71

The Soviet Merchant Marine. (Address, Navy League Seminar on Soviet Seapower, New York, 1971?) Albert E. May. illus Nav War Col Rev 23:45-50 Jun '71

United StatesSee also

Maritime Administration

Airlift/sealift programs down 20%, but: Airlift capability up, more C-130Es/C-9As, some modern ships in prospect. Brooke Nihart. Armed Forces J 108:33 Feb 15 '71

America's future on the seas. Scot MacDonald. illus Govt Exec 3:29-33 Jan '71

"Capable of serving as a naval and military auxiliary." Lane C. Kendall. illus tab US Nav Inst Proc 97: 210-227 May '71

MERCHANT MARINE - ContinuedUnited States - Cont'd

The influence of modern sea power, 1945-1970. RADM John D. Hayes, Ret. illus map US Nav Inst Proc 97:274-284 May '71

The Merchant Marine Act of 1970. LTJG S.W. Emery, Jr. illus tab US Nav Inst Proc 97:38-43 Mar '71

Merchant Marine licenses: Tickets worth having. CAPT William B. Hayler, Ret. illus US Nav Inst Proc 97:53-56 Jul '71

The Merchant Marine: Rationalize or nationalize! Col Lane C. Kendall, Ret. illus tabs US Nav Inst Proc 97:37-43 Dec '71

Military sealift. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) RADM William S. Guest. illus Mil Engr 63:380-383 Nov-Dec '71

Mumma heads commission on American shipbuilding. Armed Forces J 108:9-10 Feb 1 '71

New interagency study (SPANS--Sealift Procurement And National Security) focuses on maritime problems. James D. Hessman. illus Armed Forces J 108:26-28 Jul 19 '71

The sick whale and the avaricious minnow--Army bid for MSC reveals U.S. sealift weakness. James Hessman. illus Sea Power 14:7-13 Nov '71

Soviet merchant fleet: 13 million tons of political power. Albert E. May. illus Navy 14:25-29 Mar '71

The Soviet Merchant Marine. (Address, Navy League Seminar on Soviet Seapower, New York, 1971?) Albert E. May. illus Nav War Col Rev 23:45-50 Jun '71

Study forecasts sealift crisis; hits MSC procurement system. Armed Forces J 108:16-17 Jun 7 '71

Wartime training for Merchant Marine officers. CAPT John W. Schute. illus US Nav Inst Proc 97: 102-103 Mar '71

Statistics

Merchant shipping data. Tables only. US Nav Inst Proc 97:352-353 May '71

MERCHANT MARINE ACADEMY, KINGS POINT, NY

Wartime training for Merchant Marine officers. CAPT John W. Schute. illus US Nav Inst Proc 97: 102-103 Mar '71

Young managers in defense transportation: Training--the U.S. Merchant Marine. Joseph L. Gray. illus Def Trans J 27:20-21 Mar-Apr '71

MERCY MISSIONS

Bases provide aid in disasters--blizzards, tornadoes, earthquake. illus AF Times 31:19 Mar 17 '71

Lion-like February forces relief duty for Guardsmen. illus Natl Guardsman 25:30 Apr '71

Mission of mercy: Pakistan. CW2 Stephen P. Miles. illus USA Avn Dig 17:30-31 Jun '71

On mercy's wings. (U.S. medical and surgical assistance in Jordan) SSgt David J. Small. illus Army Dig 26:34-35 Mar '71

Southern Command aids flood victims. AF Times 31:46 Jan 13 '71

TAC C-130s log far-flung relief. AF Times 31:26 Mar 10 '71

Task force: "Golden Hawk." SP4 Tony DeStafano. illus USA Avn Dig 17:32-34 Apr '71

MERRELL, Jack G.

Air Force Logistics Command. por AF Mag 54:83-86 May '71

Gen Jack G. Merrell, life member of A.O.A., heads Air Force Logistics Command. por Ordnance 55: 475 Mar-Apr '71

Making logistics cost less. (Address, National Aerospace Services Assoc Symposium, Dayton, Ohio, March 25, 1971) Gen Jack G. Merrell. AF Plcy Ltr for Comdrs: Sup No. 5:16-21 May '71

METALS

Clinical laboratory mercury hazard. TIG Brief 23:4 Sep 24 '71

Lead--the "Clydesdale" workhorse in space. illus (Also cutaway) Space World H-4-88:16-19 Apr '71

METEOROLOGYSee also

Weather

Meteorological support to air pollution activities. TIG Brief 23:16-17 Sep 10 '71

National Data Buoy Project nears system testing phase. (Interview with Capt Virgil W. Rinehart) Samuel Stafford. illus Govt Exec 3:47+ Aug '71

METHODOLOGY

See also subdivision Methodology under specific subjects

METRIC SYSTEM see MeasurementMEXICODescription and Travel

Guadalajara right spot for retiree. Chuck Deare. illus AF Times 31:41 Mar 24 '71

History

Amigos--Americans all. Philip R. Smith, Jr. illus Soldiers 26:22-26 Sep '71

The Spanish conquest of Mexico--Cortes vs Montezuma. LtCol C.G. Butcher. Army Qtr 101:479-491 Jul '71

MEYER, John C.

Air Force Reserve under the new budget. (Remarks, ROA Luncheon, Washington, Feb 18, 1971) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 4:27-31 Apr '71

Air superiority into the 1980s. Gen John C. Meyer. por AF Mag 54:42-45 Aug '71

Competition among nations. (Address, Notre Dame AFROTC Detachment Dining-In, South Bend, Ind, March 10, 1971) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 5:11-15 May '71

Human relations and Air Force readiness. (Remarks, Air Force Sergeants Assoc, Washington, Aug 31, 1971) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 10:6-11 Oct '71

Less money, fewer people, more technology. (Remarks, Alamo Chapter, AFA, San Antonio, Sep 29, 1971) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 12:19-24 Dec '71

Meyer hits transfers of unfit. AF Times 32:19 Dec 1 '71

MEYER, John C. - Continued

The strategic dilemma. (Remarks, American Ordnance Assoc, Orlando, Fla, Nov 17, 1970) Gen John D. Meyer. AF Plcy Ltr for Comdrs: Sup No. 2:8-13 Feb '71

The synergy of the triad. Gen John C. Meyer. illus AU Rev 22:17-25 Sep-Oct '71

Understanding the Air Force mission. (Text of letter, June 11, 1971, to commanders of major commands and separate operating agencies). Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 8:2-3 Aug '71

Vice Chief of AF tells of measures to improve Reserves (at AF Affairs Committee Luncheon, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971). Officer 47:29 Apr '71

MICHAELIS, John H.

Korea: The Nixon doctrine at work. Gen John H. Michaelis. por Army 21:64-70 Oct '71

MICROFILM AND MICROFILM RECORDS

GPO--micropublishing near. illus Govt Exec 3:18 Jul '71

Manuals of microfiche--help us to help you. TIG Brief 23:16 Dec 31 '71

Microfilm: Government under the gun. illus Govt Exec 3:14-15 May '71

Microfilm system beats the information explosion. Rita M. Vining. illus Army Log 3:19-21 Nov-Dec '71

Microform service centers. TIG Brief 23:19 Apr 9 '71

Officers warned to check on availability of records. (Military Personnel Center, Randolph AFB, Tex, converting to microfilm) AF Times 32:6 Dec 22 '71

Revolution in printing: GPO goes to microfilm. Leon Shloss. illus Govt Exec 3:46-48 Jan '71

MICRONESIA

The cross of Micronesia. (Research paper, School of Naval Warfare, 1971) LtCol Vincente T. Blaz and Samuel S. H. Lee. illus map Nav War Col Rev 23:59-89 Jun '71

MICROWAVES

Electro-optical microwave channelized receiver. William E. Budd. illus Elect Warfare 3:4-5+ Spring '71

The microwave: From cosmos to cuisine. Col Barney Oldfield, Ret. illus map NATO's Fifteen Nations 16:58-64 Jun-Jul '71

Millimeter wave experiment. Spaceflight 13:132-133 Apr '71

("Opening-up" microwave band to VHF would greatly expand television channels) Signal 25:97 Jan '71

Panoramic receiver operation in strong signal environments. Donald L. Roubadeaux. illus Elect Warfare 3:21+ Convention Issue '71

Return of 'IFR.' Richard G. Wiley. illus Elect Warfare 3:7-8+ Convention Issue '71

MIDDLE EAST

Conflict in the Persian Gulf. Alvin J. Cottrell. illus maps Mil Rev 51:33-41 Feb '71

The dilemmas of Soviet policy in the Middle East. John R. Thomas. illus Parameters 1:34-42 Fall '71

MIDDLE EAST - Continued

- Events in the Middle East and Asia (varies slightly). A. H. S. Candlin. Regular feature in some issues of Army Quarterly and Defence Journal
- The Israeli defense of the Suez Canal. Col Irving Heymont, Ret. illus Mil Rev 51:3-11 Jan '71
- Jordanian civil war. Neville Brown. illus map Mil Rev 51:38-48 Sep '71
- The prospects for peace in the Middle East. (Andover Prize Essay, 1971) LtCol P.M. El Fata. illus Hawk No. 32:31-38 Feb '71
- Understanding and agreement in the Middle East. C.L. Wayper. Royal Air Forces Qtr 10:283-286 Winter '70
- The United States, the Soviet Union, and strategic considerations in the Middle East. (Lecture, Naval War College, 1971?) Edward R. F. Sheehan. illus Nav War Col Rev 23:22-30 Jun '71
- War and peace: The prospects for the Middle East. (Interview with Yitzhak Rabin) Laslo Boyd. illus Govt Exec 3:34-36 Dec '71
- Watch on the Suez. William Beecher. illus tab Army pt 1, Egypt's noisy silent partner. 21:10-13 Nov '71; pt 2, Israel weighs the options. 21:28-32 Dec '71

Foreign RelationsRussia

- Soviet influence in the Mediterranean. Ferdinand Otto Miksche. (Trans and condensed from a German publication) illus Mil Rev 51:62-65 Sep '71

History

- Arab generalship from Muhammad, the prophet, to Ibn Saud, the lord of Arabia. Maj P.G. Boxhall. map Army Qtr pt 1, Muhammad the founder of Islam. 101:457-462 Jul '71
- Holocaust in the Middle East. Jac Weller. illus Review 50:20-21+ May-Jun '71

Strategic Importance

- The bear that swims like a fish. RADM Kemp Tolley, Ret. illus US Nav Inst Proc 97:41-45 Jun '71
- Holocaust in the Middle East. Jac Weller. illus Review 50:20-21+ May-Jun '71
- The Near East Air Force. AM Derek Hodgkinson. illus Royal Air Forces Qtr 11:191-198 Autumn '71
- The stakes are oil. Hanson W. Baldwin. illus Army 21:10-15 Aug '71

MIDDLE EAST CRISIS, 1967See also

- Arab-Israeli Conflict, 1967-
- Effective UN military peace observer groups. LtCol Roger C. Hagerty. illus MarCor Gaz 55:34-36 Jan '71
- The Golan Heights: Capture and defence. Jac Weller. map Army Qtr 101:215-225 Jan '71
- Israeli armor: Lessons from the six-day war. Jac Weller. illus Mil Rev 51:44-50 Nov '71
- Movement to contact. Capt R.E. Mattingly. illus MarCor Gaz 55:39-45 Jun '71

MILEY, Henry A., Jr

- AMC streamlining aims to 'put it all together.' Gen Henry A. Miley, Jr. por Army 21:42-46 Oct '71
- New men, new materiel. Gen Henry A. Miley, Jr. illus Ordnance 55:436-439 Mar-Apr '71
- The unsung heroes--logisticians who supply the troops. por Ordnance 55:324-325 Jan-Feb '71

MILITARISM

- Antimilitarism in the Age of Aquarius. Maj Joseph W. Kastl. illus AU Rev 23:32-38 Nov-Dec '71
- The decline and fall: Rome's hired legions. Col Mark M. Boatner III. illus Army 21:24-29 Aug '71
- Don't let it wear thin. LtCol Albert N. Garland, Ret. illus Infantry 61:32-36 Sep-Oct '71

MILITARY ACADEMIESSee also

- Noncommissioned Officers Academies
- Preparatory Schools

- A view from the pasture. Col Edwin Sterling Leyland, Ret. NATO's Fifteen Nations 16:28-31 Aug-Sep '71

Canada

- The Canadian military colleges. Maj R.M. Ramsbottom. Hawk No. 32:65-67 Feb '71

United StatesSee also Service academies by name, e.g.,

- Air Force Academy
- Coast Guard Academy, New London, Conn
- Military Academy, West Point, NY
- Naval Academy, Annapolis, Md

- Academy appointments still prized by youths. Ed Gates. AF Times 31:13 Jul 7 '71

- Blazing the gold bar trail. (New ANG Officers' Preparatory Academy, McChee Tyson Airport, Knoxville, Tenn) Capt Gary A. Guimond. illus Airman 15:34-36 Sep '71

- "Died on the field of honor, sir." (Virginia Military Institute) SP4 Tom Bailey. illus Army Dig 26: 38-40 Jan '71

- "The ground they called their own." (Field training exercise at Virginia Military Academy) illus Army Dig 26:41 Jan '71

- His link to the future (Norwich University, Northfield, Vt). Lt Harry J. Kingdom. illus Soldiers 26:56-59 Aug '71

- Reveille on campus (at North Georgia College, Dahlonega, Ga). Larry Mitchell. illus Soldiers 26: 20-22 Jun '71

- An up-to-date system for procuring officers. Capt T.R. O'Neill. Army 21:52-53 Jun '71

- VA request extension of insurance to cadets. AF Times 31:A4 Jun 23 '71

Vietnam (Republic)

- West Point of Vietnam--2 U.S. majors (David P. Burke and Preston S. Harvill) serving as advisors. illus AF Times 31:30 Apr 28 '71

MILITARY ACADEMY, WEST POINT, NY

- "Duty, honor, country": A presidential salute. (Address, U.S. Military Academy, West Point, NY, May 29, 1971) Richard M. Nixon. Army 21:7-9 Jul '71

MILITARY ACADEMY, WEST POINT, NY - Continued

Test by stress. PFC Arthur Hoffman, illus Army Dig 26:26-29 Jan '71

An up-to-date system for procuring officers. Capt T.R. O'Neill. Army 21:52-53 Jun '71

MILITARY AID TO FOREIGN COUNTRIES

Congress and foreign military sales. Stanley L. Harrison. illus Mil Rev 51:79-87 Oct '71

International security assistance--the forward look in international logistics. (Proposed new International Security Assistance Act) illus charts Army Log 3:4-7 + Nov-Dec '71

New military aid/sales plan faces Hill opposition. James D. Hessman. Armed Forces J 108:26-27 May '71

(Security Assistance Program): A new approach to an old problem. Interview. LtGen George M. Seignious II. Armed Forces J 109:44-47 Nov '71

Senate panel hits overseas commitments. Armed Forces J 108:10-12 Jan 4 '71

Cambodia

Understanding the war in Cambodia. Vincent R. Tocci. illus map Armed Forces J 108:37-39 Jan 18 '71

Europe, Western

NATO shores up defense structure. Armed Forces J 108:12+ Jan 4 '71

Malaysia

Malaysian pilots now fly former R.A.A.F. Sabre fighters. illus Royal Air Forces Qtr 10:314-315 Winter '70

Pakistan

Who armed Pakistan? Whose weapons killed East Pakistanis? Brooke Nihart. Armed Forces J 109:50-52 Nov '71

United Arab Republic

Watch on the Suez. William Beecher. illus tab Army pt 1, Egypt's noisy silent partner. 21:10-13 Nov '71; pt 2, Israel weighs the options. 21:28-32 Dec '71

MILITARY AIRLIFT COMMANDSee also

Aerospace Rescue and Recovery Service
Air Weather Service

Air taxi shipment of explosive/hazardous commodities. TIG Brief 23:4 Jun 4 '71

Airlines aim flak at cargo flights. Bruce Callander. AF Times 32:13 Dec 8 '71

Alaskan 'invasion' stopped (in joint Army-Air Force Exercise Ace Card Bethel). AF Times 32:50 Dec 1 '71

Combat Airlift Competition, 1971. Pictorial. MAC Flyer 18:4-8 Aug '71

Computer flight planning. LtCol Harold O. Morrison. illus tabs Navigator 18, No. 2:18-21 '71

Financial management through the Airlift Service Industrial Fund. Gen Jack J. Catton. illus AF Compt 5:back cover+ Nov '71

MILITARY AIRLIFT COMMAND - Continued

A look at airlift in the mid-'70s: Services will face problems. George Weiss. illus tabs Armed Forces J 108:28-31 Apr 5 '71

MAC. illus chart Navigator pt 1, 18, No. 2: entire issue '71

MAC adjusts to new mission. AF Times 32:55 Nov 3 '71

MAC airlifts soldiers to Germany (in Exercise Reforger III). AF Times 32:45 Oct 13 '71

The MAC Associate program. Capt Robert L. Leschack. Navigator 18, No. 2:29 '71

MAC busy in building. AF Times 32:2 Oct 27 '71

The MAC Instructor Pilot School (Altus AFB, Okla). illus MAC Flyer 18:14-16 Feb '71

MAC logs less traffic. AF Times 31:3 Feb 24 '71

63d MAW sweeps airlift meet. illus AF Times 31:63 Jun 16 '71

The Military Airlift Command. illus chart AF Mag 54:72-75 May '71

Much-maligned C-5 handles its job well. AF Times 32:34 Aug 18 '71

Operation Deep Freeze--MAC flies 500 to Antarctic site. AF Times 32:48 Dec 1 '71

Reserve associate units meet all goals. AF Times 32:24 Nov 3 '71

A second can make you first. (MAC's Combat Airlift Competition) Ed Blair. illus Airman 15:26-30 Dec '71

'Special times & special problems.' Gen Jack J. Catton. illus Air Reservist 23:8-9 Apr '71

They call it MACIMS (Military Airlift Command Integrated Management System). LtCol Jack A. Evans. illus AF Compt 5:34-36 Nov '71

Third C-5 squadron formed. Armed Forces J 108:20 May 3 '71

USAF communications support for Apollo 14. illus Signal 25:29-32+ Jul '71

U.S. Government transport agencies. illus charts Def Trans J 27:23-45 Nov-Dec '71

History

The development of MAC. illus chart Navigator 18, No. 2:3-9 '71

MAC. illus chart Navigator pt 1, 18, No. 2: entire issue '71

Organization

The development of MAC. illus chart Navigator 18, No. 2:3-9 '71

MILITARY ART AND SCIENCESee also

Attack and Defense (Military Science)
Deception in Warfare
Interdiction
Strategy
Tactics

Air regiment's method council. LtCol P. Isayev. Soviet Mil Rev No. 3:21-22 Mar '71

MILITARY ART AND SCIENCE - Continued

The Battles of Britain and the principles of war. Alan L. Gropman. illus Aerosp Hist 18:138-144 Sep '71

Deterrence and the art of war. James D. Elliott. tab Mil Rev 51:48-51 Oct '71

The evolution of the philosophy of war. Col Antonio Pelliccia. illus NATO's Fifteen Nations 15:56-59+ Dec '70-Jan '71

Field manual and the commander. Col G. Lukava. illus Soviet Mil Rev No. 12:7-9 Dec '71

History and the "indirect approach." John Terraine. illus Royal United Svcs Inst for Def Studies J 116: 44-49 Jun '71

Lenin as disciple of Clausewitz. Donald E. Davis and Walter S. G. Kohn. illus Mil Rev 51:49-55 Sep '71

Military science and armed struggle. ColGen A. Radzievsky. Soviet Mil Rev No. 7:36-38 Jul '71

Military theory and commander's practice. Col G. Lukava. Soviet Mil Rev No. 2:14-16 Feb '71

Weapons and military art. LtGen I. Zavyalov. Soviet Mil Rev No. 8:2-4 Aug '71

Terminology

Loose language and other hazards of the trade. Maj Thomas M. Johnson. illus Armor 80:36-39 Jan-Feb '71

MILITARY ASSISTANCE ADVISORY GROUPVietnam (Republic)

So, now you're an advisor. Capt David M. Dacus. illus Infantry 61:32-35 May-Jun '71

MILITARY ASSISTANCE COMMAND, VIETNAM

CORDS (Civil Operations and Rural Development Support): Key to Vietnamization. MSgt Raymond Davis. illus Soldiers 26:31-34 Jul '71

Clay to command PACAF; Lavelle gets top SEA job (and other star retirements and reassignments announced). AF Times 31:3 May 19 '71

MAT: Mobile Advisory Team. 1stLt John L. Hayes. illus Infantry 61:38-41 Mar-Apr '71

So, now you're an advisor. Capt David M. Dacus. illus Infantry 61:32-35 May-Jun '71

MILITARY ASSISTANCE PROGRAMSee also

Security Assistance Program

Congress and foreign military sales. Stanley L. Harrison. illus Mil Rev 51:79-87 Oct '71

Credit financing of military export sales. Frank J. Fede. illus tabs Def Ind Bul 7:34-37 Spring '71

MAP--a hand to our allies. illus Air Reservist 23: 10-11 Feb '71

MILITARY BASESSee also

Air Bases

Army Posts

Inactivation of Installations and Units

Missiles Bases

Naval Bases

United States

Proprietary jurisdiction. Capt Richard F. Papcun. illus AF JAG L Rev 13:116-127 Spring '71

MILITARY BASES, AMERICANJapan

30,000 GIs remain in Japan--lowest level since war. Tom Wuriu. AF Times 32:51 Sep 22 '71

Spain

DOD, foreign relations panel disagree on Spain. Armed Forces J 108:9 Feb 1 '71

Trends in Spanish foreign policy. E. Inman Fox. illus Nav War Col Rev 23:25-34 Feb '71

MILITARY CEREMONIES, HONORS AND SALUTES

Soviet military ceremonies. Col N. Vasilyev. illus Soviet Mil Rev No. 10:22-24 Oct '71

Why didn't flags honor Rivers? Ed Gates. AF Times 31:13 Jan 27 '71

MILITARY CIVIC ACTION see Civic Action ProgramMILITARY-CIVIL RELATIONS

AFA's mission: Power for peace. George D. Hardy. illus AF Mag 54:40-46+ Feb '71

After Vietnam: A professional challenge. Col Donald F. Bletz. illus Mil Rev 51:11-15 Aug '71

Antimilitarism in the Age of Aquarius. Maj Joseph W. Kastl. illus AU Rev 23:32-38 Nov-Dec '71

Army professionalism for the future. LtCol Roy K. Flint. illus Mil Rev 51:3-11 Apr '71

Brezhnev's economic choice: More weapons and control or economic modernization. John P. Hardt. illus Parameters 1:43-53 Fall '71

Civilian control of military. Maj Francis Gould. MarCor Gaz 55:13-14 Dec '71

Defense management. illus Govt Exec 3:40+ Apr '71

Dialogue reestablished. (Army War College's Vietnam Panel talks to students) Col John J. McCuen. illus Army 21:14-20 Nov '71

Discipline and dissent. (Address, North Carolina State University, Raleigh, May 15, 1971) MajGen R. N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 8:16-21 Aug '71

The JCS challenge. Capt Robert S. Ballagh, Jr. illus Mil Rev 51:25-34 Apr '71

Let's tell our own story. Maj J. St. J. Grey. MarCor Gaz 55:53-54 Sep '71

Military challenge in the 1970's. Stanley L. Harrison. illus MarCor Gaz 55:28-31 Jan '71

Military industrial complex. Thomas I. Dickson, Jr. illus Mil Rev 51:25-35 Dec '71

The military industrial complex in perspective. Maj C. J. Wolk. illus tab MarCor Gaz 55:36-44 Aug '71

Military invades civil domain with MAST (Military Assistant to Safety and Traffic). George Weiss. illus tab Armed Forces J 109:40-42 Nov '71

Military investigative activities. (Statement to newsmen, Feb 18, 1970) Robert F. Froehle. AF Plcy Ltr for Comdrs: Sup No. 7:29-32 Jul '71

Moorer: Viable options, purple suit questions and the pendulum theory. Interview. ADM Thomas H. Moorer. illus Armed Forces J 108:18-22 Jan 4 '71

MILITARY-CIVIL RELATIONS - Continued

Mutual misperceptions: The academic and the soldier in contemporary America. Col Donald F. Bletz. illus Parameters 1:2-13 Fall '71

One of our social sciences is missing. John J. Marsh. illus AU Rev 22:60-62 Jan-Feb '71

Professionalism: The hard choice. Frederick C. Thayer. illus US Nav Inst Proc 97:36-40 Jun '71

Public management of national security. (From remarks, World Affairs Council of Orange County, Los Angeles, Nov 20, 1970) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 2:2-7 Feb '71

The rise and fall of academic strategy. Colin S. Gray. illus Royal United Svcs Inst for Def Studies J 116: 54-57 Jun '71

The road back. G. William Whitehurst. illus MarCor Gaz 55:18-20 Apr '71

The role of military forces in Latin America. Norman A. Bailey. illus Mil Rev 51:67-72 Feb '71

The Secretary of Defense and the Joint Chiefs of Staff: Conflict in the budgetary process, 1947-1971. Lawrence J. Korb. illus Nav War Col Rev 24:21-42 Dec '71

Soviet civil-military relations: Conflict and collaboration among comrades. (Research paper, College of Naval Command and Staff, 1971) LCDR Gerald C. Caron, Jr. illus Nav War Col Rev 24:65-93 Dec '71

A "stop-and-think" look at the military-industrial complex. Col William L. Strand. Persp in Def Mgt, pp 57-63, Autumn '71

A view from the pasture. Col Edwin Sterling Leyland, Ret. NATO's Fifteen Nations 16:28-31 Aug-Sep '71

Volunteer Army: Military caste? Capt James R. Holbrook. illus Mil Rev 51:91-95 Aug '71

Who is the commissar: Political officers in the Chinese Communist Army. (Research paper, College of Naval Warfare) Kenneth C. Cathey. illus Nav War Col Rev 24:55-72 Nov '71

Your money or your life. ACM Christopher Foxley-Norris. Royal Air Forces Qtr 11:85-88 Summer '71

MILITARY CONFERENCES see Conferences, Military

MILITARY DEPENDENTS see Dependents, Military

MILITARY EDUCATION see Education, Scientific; Education, Technical; Education and Training

MILITARY ENGINEERING

Computers for military engineering. LtCol Robert G. MacLennan. Mil Engr 63:254-256 Jul-Aug '71

Heavy concrete placement--using a unique alternative to dewatering (at the Kwajalein Missile Range). Col John A. Hughes. illus Mil Engr 63:268-269 Jul-Aug '71

Military bridging--status and trends. William B. Taylor. illus Mil Engr 63:417-420 Nov-Dec '71

Equipment

Anchor chain land clearing. Capt Robert A. Adams. illus Mil Engr 63:259 Jul-Aug '71

Land clearing in the Delta, Vietnam. Capt Stephen E. Draper. illus Mil Engr 63:257-259 Jul-Aug '71

MILITARY ENGINEERING - ContinuedStudy and Teaching

Combat engineers train to clear the way. Col V. Levin. illus Soviet Mil Rev No. 11:18-19 Nov '71

MILITARY EXPORT SALES see Arms Sales

MILITARY HISTORIANS

The agony and the ecstasy of writing history. LtCol Martin Blumenson. illus Army 21:30-33 Feb '71

Former Air Force Historian (Albert Franklin Simpson) dies. illus Aerosp Hist 18:114 Sep '71

The legacy of Liddell Hart. Richard A. Mason. illus AF Mag 54:58-63 Apr '71

MILITARY HISTORY

See also subdivision History under specific Services

The agony and the ecstasy of writing history. LtCol Martin Blumenson. illus Army 21:30-33 Feb '71

Arab generalship from Muhammad, the prophet, to Ibn Saud, the lord of Arabia. Maj P. G. Boxhall. map Army Qtr pt 1, Muhammad the founder of Islam. 101:457-462 Jul '71

The demand for military history. Michael Howard. (Condensed from The Times Literary Supplement, Nov 13, 1969) illus Mil Rev 51:34-42 May '71

History and the "indirect approach." John Terraine. illus Royal United Svcs Inst for Def Studies J 116: 44-49 Jun '71

Preserving the past for the future. (Army Military History Research Collection) Col George S. Pappas. illus Army 21:30-31 Sep '71

The Spanish conquest of Mexico--Cortex vs Montezuma. LtCol C. G. Butcher. Army Qtr 101:479-491 Jul '71

Study and Teaching

Military history or war studies? MajGen E. K. G. Sixsmith. Army Qtr 101:437-444 Jul '71

MILITARY JUSTICE ACT OF 1968

Commander's responsibility to military defense counsel. TIG Brief 23:2 Mar 26 '71

MILITARY LAW

Where does killing end and murder begin in war? Col Robert B. Rigg, Ret. illus Mil Rev 51:3-9 Mar '71

History

A plea of superior orders. CDR M. L. Duke. illus MarCor Gaz 55:34-39 Mar '71

United StatesSee also

Court of Military Appeals
Courts-Martial
Military Justice Act of 1968
Uniform Code of Military Justice

Aftermath of a court-martial: The unanswered questions. Col Robert D. Heinl, Jr. Armed Forces J 108:36-38 Apr 19 '71

The Air Force correction program for the 1970's. Capt John E. Moye. illus AF JAG L Rev 13:81-95 Spring '71

MILITARY LAW - ContinuedUnited States - Cont'd

- The boundaries of the warrantless search. Capt Don G. Holladay. illus AF JAG L Rev 13:44-49 Winter '71
- Corroboration of confessions: The Oppen rule. Capt John A. Cutts III. illus AF JAG L Rev 13:50-75 Winter '71
- Court-martial jurisdiction since O'Callahan. LtCol Harold L. Miller. illus Mil Rev 51:77-85 Jan '71
- Crime without punishment--ex-servicemen, civilian employees and dependents. illus AF JAG L Rev 13:184-201+ Summer '71
- Criminal responsibility: The new federal rule v military law. Capt John A. Cutts III. illus AF JAG L Rev 13:202-223 Summer '71
- Drug abuse: Out in the open. CDR Herbert T. St Omer Woolley and LCDR Lee H. Beecher. illus tabs US Nav Inst Proc 97:18-35 Nov '71
- "I'm tremendously impressed"--a civilian lawyer looks at military justice. (Interview with Melvin Belli) SP5 Tom Bailey. illus Soldiers 26:38-43 Jul '71
- Military can try on-base crimes. Jim Sample. AF Times 31:1+ Mar 10 '71
- Military jurisdiction. Col Mayo L. Mashburn. illus AU Rev 22:34-43 May-Jun '71
- Military trials of civil crimes. Maj John R. Thornock. illus Mil Rev 51:88-96 Dec '71
- The problem of foreign civil litigation and the United States Air Force. Maj A. J. Butler. illus tabs AF JAG L Rev 12:264-275 Fall '70
- Proprietary jurisdiction. Capt Richard F. Papcun. illus AF JAG L Rev 13:116-127 Spring '71
- Reversals seen for 500,000 courts-martial. AF Times 31:5 Aug 4 '71
- The role of trial counsel in sentencing proceedings. Capt Thomas C. Morrison. illus AF JAG L Rev 13:30-43 Winter '71

MILITARY LIFESee also
Seamanship

- The American military--theirs to reason why. Col Malham M. Wakin. illus AF Mag 54:54-58 Mar '71
- Army's LtGen George I. Forsythe: "Return... to soldiering." illus Govt Exec 3:23 Feb '71
- As a "short-termmer" sees it. SP4 Keith E. Fickenscher. illus Soldiers 26:38-42 Aug '71
- Barracks life now a little brighter, to attract volunteers. Army 21:6-7+ Jan '71
- Blueprint for tomorrow. Lt Wendell R. Cochran. illus Infantry 61:30-33 Jul-Aug '71
- Borda wants to hear your gripes. illus AF Times 31:22 May 5 '71
- Can one human realize what another wants? Bruce Callander. AF Times 31:13 Feb 10 '71
- Can the Marines be a band of Spartans in the age of Aquarius? Mel Jones. illus AF Times, Family sup:6-7+ Nov 3 '71
- Care found hard to get. AF Times 31:3 Jul 21 '71
- Career ideas accepted. AF Times 32:3 Oct 27 '71

MILITARY LIFE - Continued

- DOD readies proposals to improve service life. Interview. Roger T. Kelley. AF Times 31:15 Jan 6 '71
- Draft bill imperils benefits. Bruce Callander. AF Times 31:14 May 26 '71
- The frustration factor. CDR F. B. Shemanski. illus US Nav Inst Proc 97:27-33 Apr '71
- House starts probe of military manpower problems. James D. Hessman. illus Armed Forces J 109:55-56 Nov '71
- The impact of VOLAR. LtGen George I. Forsythe. illus tab Army 21:29-32 Oct '71
- Indicators of trouble. LtCol William E. Haas. illus Mil Rev 51:20-24 Apr '71
- Is off-base living retention key. Bruce Callander. AF Times 31:13 Jan 20 '71
- Junior officer retention--a lot of little things. LT Malcolm S. Harris. illus US Nav Inst Proc 97:26-31 Mar '71
- Keep the military tough. MajGen Perry Bruce Griffith. Ret. illus MarCor Gaz 55:50-52 Jul '71
- Kicked to death by a rabbit. (AF personnel in Korea). Capt Robert P. Everett. illus Airman 15:11-16 Aug '71
- Lures for all-vol paying off now. AF Times 31:63 Jun 9 '71
- Man to man. SGM Silas L. Copeland. illus Soldiers 26:4 Dec '71
- Military 'class' system hit at (White House) Youth Conference. Bob Schweitz. AF Times 31:1+ May 5 '71
- The 'mod' military. LtGen Ira C. Eaker, Ret. AF Times 31:13 Jan 20 '71
- 'Motivate me!' LtCol Albert N. Garland, Ret. illus Army 21:41-44 Dec '71
- New policies to improve Air Force life. TIG Brief 23:8 Jan 15 '71
- The now is very in at Fort Benning (Ga)--VOLAR (VOLunteer ARmy) test posts declare open season on sacred cows. L. James Binder. illus Army 21:22-29 Apr '71
- People programs of the U. S. Navy. (Address, New York Chapter, Defense Supply Assoc) RADM David H. Bagley. Review 51:15-16+ Jul-Aug '71
- 'People' programs require sincerity. Bruce Callander. AF Times 32:13 Sep 8 '71
- Planners look beyond cost in irritant war. Bruce Callander. AF Times 31:1+ Jan 27 '71
- Poll asks, 'Why go Air Force?' 'Job satisfaction' ranks no. 1. AF Times 32:10 Dec 15 '71
- Poll shows WAF 'satisfied.' George Foster. AF Times 31:1+ Jan 20 '71
- Project Volunteer--an open letter to senior NCOs. CMSgt William G. Franklin. Airman 15:16-17 Oct '71
- 'Promises' plague Services. Bruce Callander. AF Times 31:13 Aug 4 '71
- The quiet crisis in the silent service. CAPT Tom B. Thamm. illus US Nav Inst Proc 97:50-58 Aug '71
- Removing 'irritants' may lower esprit. Col William Moore. AF Times 32:13 Oct 27 '71

MILITARY LIFE - Continued

- Retention: The talk and the deeds. CDR Charles McIntosh. illus US Nav Inst Proc 97:58-63 Sep '71
- S. L. A. Marshall speaks out. Interview. BrigGen Samuel L. A. Marshall. illus Infantry 61:46-51 May-Jun '71
- 652 airmen who came back tell why. AF Times 32:6 Nov 3 '71
- 6-year hitch due for top recruits. AF Times 31:4 Jun 30 '71
- Solving people problems. Capt Cliff Wieden. MarCor Gaz 55:15-16 Jul '71
- The Soviet fighting man's spiritual world. Maj Y. Deryugin. illus Soviet Mil Rev No. 12:2-4 Dec '71
- Status quo: Enemy of leadership. Maj Ramon A. Nadal. illus Mil Rev 51:24-30 Jun '71
- Straight talk from the Chief on the modern volunteer Army. Interview. Gen William C. Westmoreland. illus Army 21:12-17 May '71
- TAC outlines fight on 'irritants.' AF Times 31:55 Feb 10 '71
- 13th AF junior officers cite 'irritants' at meeting. AF Times 32:52 Dec 8 '71
- Troop gripes encouraged. AF Times 32:55 Nov 24 '71
- Two portentous days. (Review of all-volunteer Force by Adjutants General Assoc and National Guard Assoc) illus Natl Guardsman 25:13-19+ Mar '71
- Ubon (RTAFB, Thailand) to improve on-base living. Sgt Peter K. Fiske. AF Times 31:19 Jul 7 '71
- Volunteer Army: How it looks to a company commander. Capt Robert B. Killebrew. illus Army 21:19-22 Mar '71
- Warnings to shape up heard as irritants fade. AF Times 31:21 May 5 '71
- When Armageddon comes will they fire in the hole? Ted Wye. AF Times, Family sup:8-10+ Nov 17 '71
- You can't have your cake. Bruce Callander. AF Times 31:13 May 26 '71
- Z-grams: A behavioral analysis. CAPT J. R. Kint. tab Persp in Def Mgt, pp 59-65, May '71

MILITARY MANPOWER see Manpower, Military

MILITARY MEDICINE

- Excedrin headache #39. LtCol L. J. Enders. illus Interceptor 13:20-22 Mar '71
- Prognosis for Navy medicine. RADM C. L. Waite. illus chart US Nav Inst Proc 97:32-36 Dec '71

MILITARY MUSIC see Music, Military

MILITARY OCCUPATION

See also

Korea--Military Occupation, Allied

MILITARY OCCUPATION SPECIALTY see Personnel Classification--Army--U.S.

MILITARY OFFENSES see Crimes and Misdemeanors

MILITARY PLANNING

- Concepts for defense planning. (Excerpts from Defense Posture Statement) Melvin R. Laird. Def Ind Bul 7:5-8 Spring '71
- Contingency planning: A look to the future. Maj Richard J. Bergholz. illus AF Civil Engr 12:18-20 Nov '71
- Defense budget highlights. (Approach to FY 1972-1976 program and FY 1972 budget. Excerpts from Defense Posture Statement) Melvin R. Laird. illus tabs Def Ind Bul 7:1-31 Spring '71
- Defense management. illus Govt Exec 3:40+ Apr '71
- The focus is on contingency planning. Maj Hermann F. Engelbach, Jr and Capt Peter LoPresti. illus AF Civil Engr 12:12-13 Aug '71
- Force-structure planning: Considerations, problems, and issues. LtCol Edward Stellini. illus AU Rev 22:2-15 May-Jun '71
- The Inter-American Defense Board. Col Francis H. Weiland. chart illus AU Rev 23:21-31 Nov-Dec '71
- The JCS challenge. Capt Robert S. Ballagh, Jr. illus Mil Rev 51:25-34 Apr '71
- Long-range planning factors in the Brosio Exercise. Lawrence L. Whetten. illus Mil Rev 51:50-59 Jul '71
- Marine Corps forecasters. LtCol O. Robert Edmondson. MarCor Gaz 55:14-15 Aug '71
- The military planning process: Human imperfections in its application. LCDR Charles W. Cullen. illus tab Nav War Col Rev 23:52-63 Mar '71
- Strategy: The essence of professionalism. RADM Henry E. Eccles, Ret. illus Nav War Col Rev 24:43-51 Dec '71
- The TFX F-111 aircraft: A perspective in military command and defense management. RADM Henry E. Eccles, Ret. illus Nav War Col Rev 23:66-87 Apr '71
- They plan hemisphere defense--AF's (LtGen) LeBailly heads (Inter-American Defense) Board. Ed Gates. illus AF Times 32:10 Dec 22 '71
- Tight budgets, mission challenge Force planners. LtGen Robert R. Williams. illus Army 21:80-85 Oct '71
- USSR and U.S. military power. (Remarks, Fort Worth Chapter, Air Force Assoc, Fort Worth, Tex, Jan 26, 1971) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 3:2-7 Mar '71

MILITARY POLICE

See also

- Vietnamese Conflict, 1957- --Security Operations
- AWOL dragnet. SSgt Don Mallicoat. illus Soldiers 26:6-7 Nov '71
- All things to all people--the MP gate guard. Sgtl C Carl Martin. illus Army Dig 26:44-45 Feb '71
- Combat preparedness training (for security police). Capt Kenneth E. Messick. illus USAF Instrs J 9:51-55 Fall '71
- Ent (AFB, Colo) SPs give aid to needy. AF Times 31:35 Jul 7 '71
- FBI agents teach class at Keesler (AFB, Miss). AF Times 31:33 Jan 13 '71
- First WAF cops await job details. AF Times 32:20 Dec 22 '71

MILITARY POLICE - Continued

- Military police in the Soviet Armed Forces. Maj Gilbert E. Jones, Jr. illus Mil Rev 51:86-92 Jan '71
- The role of security police vis-a-vis the commander in maintaining discipline. TIG Brief 23:20 Nov 5 '71
- Securing the system for go (Missile Operations Support Unit, Vandenberg AFB, Calif). Capt Gary A. Guimond. illus Airman 15:23-25 Jun '71

MILITARY POLICYAustria

- Austria's defense. Maj Ronald A. Hofmann. illus map Mil Rev 51:52-62 Oct '71

Canada

- The search for a defence policy in Canada. Col Strome Galloway. Army Qtr 101:287-294 Apr '71

ChinaHistory

- Chinese military policy in the mid-nineteenth century. Adrian Preston. Army Qtr 101:206-214 Jan '71

China (Republic)

- Political warfare--qualified application. Maj Monte R. Bullard. illus Mil Rev 51:18-23 Jun '71

Germany (Federal Republic)

- A report from Bonn. (Interview with Gen Ulrich de Maiziere) G.M. Bailly-Cowell. illus NATO's Fifteen Nations 15:20-22 Dec '70-Jan '71
- The West German defence White Paper of 1970. Stuart Drummond. Army Qtr 101:158-162 Jan '71

Great Britain

- The British Armed Forces--what's ahead? Stefan Geisenheyner. illus AF Mag 54:60-63 Jun '71
- British defense policies. Maj E. Malcolm Perry-Davies. illus Mil Rev 51:10-16 Nov '71
- Defence Forces in Parliament. Regular feature in some issues of Royal Air Forces Quarterly
- Defence policy--the Air League view mid 1970. Royal Air Forces Qtr 11:33-36 Spring '71
- Great Britain's Navy: The not quite setting sun. Comdr Joseph Palmer, Ret. illus Navy 14:17-21 Apr '71
- Letter from London: Britain gets more but pays less. illus NATO's Fifteen Nations 16:12-16 Feb-Mar '71
- Letter from London: Britain suddenly alert to growing Soviet threat. illus NATO's Fifteen Nations 16:12-14 Jun-Jul '71
- Letter from London: Who now rules the waves? illus map NATO's Fifteen Nations 16:12-15+ Oct-Nov '71
- NATO ground forces and the Soviet threat. K. Booth. Army Qtr 101:426-436 Jul '71
- The official opposition view of British defence policy. George M. Thomson. illus Royal United Svcs Inst for Def Studies J 116:16-21 Jun '71
- UK defence White Paper. Intl Def Rev 3:361 Dec '70
- Your money or your life. ACM Christopher Foxley-Norris. Royal Air Forces Qtr 11:85-88 Summer '71

MILITARY POLICY - ContinuedJapan

- A balance of priorities--defense and economic growth in Japan. Richard Halloran. illus Navy 14:10-14+ Apr '71
- Economic imperatives influencing Japan's military force levels. CDR Lewis E. Connell. illus tab Nav War Col Rev 24:49-54 Nov '71
- Heirs to the Samurai. Col A. Yevdokimov. Soviet Mil Rev No. 3:56-57 Mar '71
- Japan's Maritime Self-Defense Force: An appropriate maritime strategy? LCDR James E. Auer. illus map tab Nav War Col Rev 24:3-20 Dec '71
- Military reawakening in Japan. William Beecher. illus Army 21:10-17 Mar '71
- The resurgence of Japanese sea power. Niu Sien-Chong. illus tab NATO's Fifteen Nations 16:70-75+ Oct-Nov '71

NATO

- In the service of peace. Gen A.J. Goodpaster. illus NATO's Fifteen Nations 16:16-22 Apr-May '71

Russia

- The development of Soviet military power in the past 20 years. illus map NATO's Fifteen Nations 16:36-42 Apr-May '71
- Evolution of Soviet military thinking. Alfred L. Monks. illus tab Mil Rev 51:78-93 Mar '71
- Soviet aims and capabilities in Europe. Malcolm Mackintosh. illus Royal United Svc Instn J 116:22-30 Mar '71
- Soviet civil-military relations: Conflict and collaboration among comrades. (Research paper, College of Naval Command and Staff, 1971) LCDR Gerald C. Caron, Jr. illus Nav War Col Rev 24:65-93 Dec '71
- Soviet military buildup: A new dimension in foreign policy. Maj Jeffrey L. Scribner. illus tab Mil Rev 51:53-62 Aug '71

Bibliography

- Evolution of Soviet military thinking. Alfred L. Monks. illus tab Mil Rev 51:78-93 Mar '71

History

- Russian maritime requirements. Michael McGwire. illus NATO's Fifteen Nations 16:22-27 Oct-Nov '71

United States

- Achilles heel: The obsolescent Navy. Interview. F. Edward Hébert. illus Govt Exec 3:30-31+ Mar '71
- The bluewater strategy--Nixon and liberals in tune. Dennis W. Brezina. illus Navy 14:24-28 May '71
- The challenge of the introspective seventies: Array of national options calls for extreme flexibility. BrigGen Lynn D. Smith, Ret. illus Army 21:18-21 May '71
- Decision-making: Science or craft? Nicholas J. D'Ombrain. Royal United Svcs Inst for Def Studies J 116:56-58 Sep '71
- Defense budget highlights. (Approach to FY 1972-1976 program and FY 1972 budget. Excerpts from Defense Posture Statement) Melvin R. Laird. illus tabs Def Ind Bul 7:1-31 Spring '71

MILITARY POLICY - ContinuedUnited States - Cont'd

Dr Marrs cites advances in total force plan--Reserves must prove ability to meet new role. Interview. Theodore C. Marrs. illus Officer 47: 20-21+ Nov '71

Dollars or defense? Interview. F. Edward Hébert. illus Natl Guardsman 25:2-7 Jun '71

Eisenhower at the Naval War College (Oct 3, 1961). (Address, with questions) illus US Nav Inst Proc 97:18-24 Jun '71

Force-structure planning: Considerations, problems, and issues. LtCol Edward Stellini. illus AU Rev 22:2-15 May-Jun '71

Lawmakers sound off on military matters. AF Times 31:50 Feb 17 '71

The military-civilian airlift partnership. MajGen Maurice F. Casey. illus Translog 2:2-5 Mar '71

New policies in defense systems acquisition. (Address, DOD-NSIA Symposium briefings, Washington, Aug 11, 1971) David Packard. AF Plcy Ltr for Comdrs: Sup No. 10:26-30 Oct '71

The strategic dilemma. (Remarks, American Ordnance Assoc, Orlando, Fla, Nov 17, 1970) Gen John D. Meyer. AF Plcy Ltr for Comdrs: Sup No. 2:8-13 Feb '71

Total Force concept. (Remarks, ROA Convention, San Diego, Calif, June 18, 1971) Theodore C. Marrs. AF Plcy Ltr for Comdrs: Sup No. 9:7-12 Sep '71

U.S. goals, priorities, and means. (Remarks, Air War College, Maxwell AFB, Ala, Aug 25, 1970) BrigGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 3:14-22 Mar '71

Vacillation and stability in American public opinion toward military and foreign policy. James Clotfelter. illus Nav War Col Rev 23:55-61 Feb '71

MILITARY POWERSee also

Aerospace Power
Sea Power

China (People's Republic)

China's military strength. Gerald Ellis. illus Mil Rev 51:71-76 Apr '71

Europe, Western

The defense of Northwest Europe and the North Sea. MajGen J.L. Moulton, Ret. illus maps tabs US Nav Inst Proc 97:80-97 May '71

Germany (Federal Republic)

West German Defense Posture--1970. Intl Def Rev 3: 121 Jun '70

Israel

Watch on the Suez. William Beecher. illus tab Army pt 1, Egypt's noisy silent partner. 21:10-13 Nov '71; pt 2, Israel weighs the options. 21:28-32 Dec '71

Japan

Japan and her maritime defense. Comdr Hideo Sekino, Ret. illus maps tabs US Nav Inst Proc 97:98-121 May '71

Military reawakening in Japan. William Beecher. illus Army 21:10-17 Mar '71

MILITARY POWER - ContinuedRussia

The development of Soviet military power in the past 20 years. illus map NATO's Fifteen Nations 16: 36-42 Apr-May '71

NATO's northern flank--vital but increasingly vulnerable. Stefan Geisenheyner. illus map AF Mag 54: 56-61 Jul '71

Six facts about the threat. (Remarks, 15th Symposium, Society of Experimental Test Pilots, Beverly Hills, Calif, Sep 17, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 11:10-16 Nov '71

USSR and U.S. military power. (Remarks, Fort Worth Chapter, Air Force Assoc, Fort Worth, Tex, Jan 26, 1971) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 3:2-7 Mar '71

United States

Budget and national security. ADM Thomas H. Moorer. illus Review 50:26-28+ Jan-Feb '71

Goldwater sees peril in Defense fund cuts. AF Times 31:13 Feb 3 '71

Military Exchanges Resale Seminar. (DSA Convention, 1971) John G. Tower and others. illus Review 51:77-79+ Nov-Dec '71

USSR and U.S. military power. (Remarks, Fort Worth Chapter, Air Force Assoc, Fort Worth, Tex, Jan 26, 1971) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 3:2-7 Mar '71

MILITARY RESEARCH see Research and Development
also specific kinds of research, e.g.,
Space Research

MILITARY SEA TRANSPORTATION SERVICE see Military Sealift Command

MILITARY SEALIFT COMMAND

Army gets sea role. illus Army Log 3:10-11 May-Jun '71

Army run ocean transport? L. Edgar Prina. illus Navy 14:35-37 Apr '71

"Capable of serving as a naval and military auxiliary." Lane C. Kendall. illus tab US Nav Inst Proc 97: 210-227 May '71

Credibility gap opens as foes unite against sealift merger. James D. Hessman. Armed Forces J 109:12+ Nov '71

Haul your freight. Ted Davis. illus Army Dig 26: 38-40 Apr '71

Lennon panel considers requirements for sealift, airlift. James D. Hessman. Armed Forces J 109:34-35 Oct '71

MSC/MTMTS merger held, DOD (Surface Transportation) Agency proposed. Armed Forces J 108: 12-13 Apr 5 '71

Military sealift. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) RADM William S. Guest. illus Mil Engr 63:380-383 Nov-Dec '71

New shipbuilding programs fail to halt precipitous decline in sealift capabilities. James Hessman. tab illus Armed Forces J 108:25-27+ Apr 5 '71

Sealift Command asks new tanker proposals. Armed Forces J 108:16+ Feb 15 '71

Sealift Command covers 4 areas. AF Times 32:50 Nov 17 '71

MILITARY SEALIFT COMMAND - Continued

- Sealift Command, MTMTS to merge. AF Times 31:36 Mar 17 '71
- The sick whale and the avaricious minnow--Army bid for MSC reveals U.S. sealift weakness. James Hessman. illus Sea Power 14:7-13 Nov '71
- Study forecasts sealift crisis; hits MSC procurement system. Armed Forces J 108:16-17 Jun 7 '71
- U. S. Government transport agencies. illus charts Def Trans J 27:23-45 Nov-Dec '71
- Will the minnow swallow the whale? (Defense Dept plan to transfer ocean transportation management and procurement from MSC to Military Traffic Management and Terminal Service(MTMTS)) L. Edgar Prina. illus Sea Power 14:37-39 Oct '71

MILITARY SERVICE, COMPULSORYSee also

Volunteer Forces (Proposed)

- ...and another view. Col Robert D. Heinl, Jr. Armed Forces J 108:33 Apr 5 '71
- Challenge to Guard and Reserve, from back-up to force in being. Col Robert B. Rigg, Ret. illus Army 21:36-41 Apr '71
- Comparative recruiting systems. Albert A. Blum. illus tab Mil Rev 51:10-29 Mar '71
- Conferees (House-Senate) approve \$2.4-billion pay hike. tabs Armed Forces J 108:12-13 Jul 19 '71
- Congress delays action on pay bill. AF Times 32:1+ Aug 18 '71
- Congressman McCloskey on the draft. (Testimony before the House Armed Services Committee) Paul N. McCloskey, Jr. illus Armed Forces J 108:32-33+ Apr 5 '71
- The conscript Army in an open society. Gen Stig Synnergren. illus Armed Forces J 108:30-31 May 17 '71
- DOD plans ten-point program to end doctor draft. James D. Hessman. illus Armed Forces J 108:17-19+ Mar 1 '71
- Draft bill imperils benefits. Bruce Callander. AF Times 31:1+ May 26 '71
- Draft extension "essential," say AGs (at Annual Conference, Adjutants General Assoc, Santa Fe, NM, May 1971). illus Natl Guardsman 25:24-28 Jul '71
- Draft extension, pay boost for recruits, hanging fire. Natl Guardsman 25:25-26 May '71
- Draft extension, pay hike both considered likely possibilities. Armed Forces J 108:11-13 Mar 15 '71
- Draft lack perils Viet tax breaks. Bob Schweitz. AF Times 31:1+ Jul 28 '71
- Draft law "must be extended," NGAUS tells Senate (Armed Services) Committee. Natl Guardsman 25:22-23 Mar '71
- Draft-spurred volunteers score higher, survey finds. AF Times 31:42 Jun 16 '71
- Draftees vs lifers: Loser is Army morale. Col Robert D. Heinl, Jr. Armed Forces J 108:19 May 3 '71
- Economy vs Defense. Eugene M. Becker. tab Ordnance 55:426-428 Mar-Apr '71

MILITARY SERVICE, COMPULSORY - Continued

- HASC panel urges early hearings on draft reform. tabs Armed Forces J 108:12-13 Jan 18 '71
- House unit approves \$2.7-billion pay package; draft extended. James Hessman. tabs Armed Forces J 108:21-23 Apr 5 '71
- Identifying the "enemy." Editorial. Officer 47:54 Sep '71
- Incentive to volunteer service is cited by executive director at Senate (Armed Services) Committee hearing. Col John T. Carlton. Officer 47:9-10 Mar '71
- Laird asks draft laws to stave off 'instability. AF Times 31:4 Aug 4 '71
- Laird awaits outcome of 'zero draft.' AF Times 32:3 Aug 18 '71
- Many OTS applicants prompted by draft. AF Times 31:5 Jul 21 '71
- More effective professional force is goal, but draft must remain, Army deputy (Arthur W. Allen, Jr) warns (at Army Section Luncheon, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971). Officer 47:25 Apr '71
- The National Guard's no. 1 problem. (Manpower) illus Natl Guardsman 25:26-28 Dec '71
- POW sons get draft exemption. AF Times 32:21 Nov 24 '71
- Pay bill survives--Nixon vow on boosts seen key. Bob Horowitz. tab AF Times 32:1+ Sep 29 '71
- Pay hike passed--effective data unknown for biggest-ever raise! Bob Horowitz. tabs AF Times 32:1+ Oct 6 '71
- Post-draft decline feared in AF quality, quantity. AF Times 32:8 Dec 22 '71
- President's goal for 71: College deferment end. AF Times 31:35 Jan 13 '71
- Recruiting problem beginning to hurt. AF Times 31:5 Jul 7 '71
- Reserves' position strengthened as Congress faces final debate on draft law; results of new studies of future roles, missions and strengths are awaited. Officer 47:7 Sep '71
- Senate passes pay/draft bill. tab Armed Forces J 109:13-14 Oct '71
- Services warn of peril if draft is eliminated. AF Times 32:4 Sep 29 '71
- Stakes high as Senate starts lengthy draft debate. Armed Forces J 108:13-14 May 17 '71
- Universal Service for all. Mid Kenneth G. Hawkes. MarCor Gaz 55:48-49 Sep '71
- Wage freeze complicates draft/pay bill extension. Armed Forces J 109:10 Sep '71
- The zero draft and the National Guard--a situation report. illus Natl Guardsman 25:2-12 Mar '71
- History
- Conscription: An historical survey. A. E. Sullivan. Army Qtr 101:465-474 Jul '71

MILITARY SERVICE, VOLUNTARY see Volunteer Forces (Proposed)

MILITARY SERVICE AS A PROFESSION

See also
Career Program

AF responsive, Seaman says. tab AF Times 31:2 May 19 '71

Accent on youth. (Excerpts from briefing, Commanders Conference, Ramey AFB, PR, Feb 12, 1971) LtGen George B. Simler. tabs AF Plcy Ltr for Comdrs: Sup No. 5:22-27 May '71

After Vietnam: A professional challenge. Col Donald F. Bletz. illus Mil Rev 51:11-15 Aug '71

Airmen reveal likes and dislikes. AF Times 32:3 Sep 29 '71

The all-volunteer Force--possible or probable? (Report on Military Manpower Challenge Symposium, AFA Convention, Washington, Sep 21, 1971) Capt John T. Correll. illus AF Mag 34:70-75 Nov '71

The American military--theirs to reason why. Col Malham M. Wakin. illus AF Mag 54:54-58 Mar '71

American strength: Keystone of peace. (Remarks, U.S. Military Academy, West Point, NY, May 29, 1971) Richard Nixon. AF Plcy Ltr for Comdrs: Sup No. 7:25-28 Jul '71

Antimilitarism in the Age of Aquarius. Maj Joseph W. Kastl. illus AU Rev 23:32-38 Nov-Dec '71

Are ex-officers careerists? AF Times 31:3 Apr 28 '71

Army professionalism for the future. LtCol Roy K. Flint. illus Mil Rev 51:3-11 Apr '71

An Army taking stock in a changing society. Gen William C. Westmoreland. illus Army 21:19-22 Oct '71

Benefits skip 'middle men.' Bruce Callander. AF Times 31:13 Apr 21 '71

Can one human realize what another wants? Bruce Callander. AF Times 31:13 Feb 10 '71

'A career of service to your fellowman is the highest career of all.' (Address, West Point, May '71) Richard M. Nixon. illus Armed Forces J 108:28-31 Jun 21 '71

The changing role of the military profession. BrigGen Robert N. Ginsburgh and Capt Pember W. Rocap. illus AU Rev 22:2-13 Mar-Apr '71

Delayed re-ups: More changes. Bruce Callander. AF Times 32:13 Nov 17 '71

Don't let it wear thin. LtCol Albert N. Garland, Ret. illus Infantry 61:32-36 Sep-Oct '71

"Duty, honor, country": A presidential salute. (Address, U.S. Military Academy, West Point, NY, May 29, 1971) Richard M. Nixon. Army 21:7-9 Jul '71

Emphasis on quality. illus USA Avn Dig 17:17-18 Dec '71

Few change mind once in uniform--officer career attitudes. George Foster. AF Times 31:4 Jun 16 '71

Focus on people. Gen John D. Ryan. illus AF Mag 54:44-46+ May '71

How to aid officer retention. Capt Marvin T. Hopgood, Jr. illus MarCor Gaz 55:21-27 Jan '71

Junior officer retention--a lot of little things. LT Malcolm S. Harris. illus US Nav Inst Proc 97:26-31 Mar '71

MILITARY SERVICE AS A PROFESSION - Continued

Keep the military tough. MajGen Perry Bruce Griffith, Ret. illus MarCor Gaz 55:50-52 Jul '71

Keep those caissons rolling. Gen Bruce Palmer, Jr. illus Armor 80:6-13 Nov-Dec '71

The lady is a general. Capt Robert P. Everett. illus Airman 15:40-47 Sep '71

Leadership at the man-to-man level. (Address, Tri-Service ROTC Commissioning Ceremony, University of Missouri, Columbia, June 1, 1971) MajGen Carlos M. Talbott. AF Plcy Ltr for Comdrs Sup No. 8:11-15 Aug '71

Leadership--challenge and responsibility. (Remarks, ROTC Commissioning Ceremony, Washington State University, Pullman, June 6, 1971) LtGen Harry E. Goldsworthy. AF Plcy Ltr for Comdrs: Sup No. 8:4-10 Aug '71

Let's fall back and regroup. Col Edward A. Timmes. illus MarCor Gaz 55:52-53 May '71

A "lifer" has his say. 1Sgt Dale P. Jerzykowski. illus Soldiers 26:42-43 Aug '71

Make it right. Gen Leonard F. Chapman, Jr. illus MarCor Gaz 55:18-20 Jan '71

The malady of resistance to change. Maj C. J. Wolk. illus MarCor Gaz 55:37-39 Dec '71

The military manpower challenge. (Remarks, Military Manpower Challenge Symposium, AFA Convention, Washington, Sep 21, 1971) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 11:23-28 Nov '71

The military mind. LCDR Robert G. Partlow. US Nav Inst Proc 97:81-82 Feb '71

The military profession: What is it? MajGen William M. Lynn, Ret. illus Army 21:23-27 Sep '71

Military professionalism--a conceptual approach. Col Donald F. Bletz. illus Mil Rev 51:9-17 May '71

The military: Repository of moral resource. Gen John Winthrop Hackett, Ret. illus AF Mag 54:64 Jun '71

Mistrust and suspicion. SGM Edward J. Urban. MarCor Gaz 55:49-50 Jun '71

The 'mod' military. LtGen Ira C. Eaker, Ret. AF Times 31:13 Jan 20 '71

The motivation of excellence. David C. Korten. illus AU Rev 22:23-28 May-Jun '71

Mutual misperceptions: The academic and the soldier in contemporary America. Col Donald F. Bletz. illus Parameters 1:2-13 Fall '71

Never bounce eggs. Ted Kontos. illus USA Avn Dig 17:36-38 Feb '71

OCS views professionalism. Col H. E. Ing, Jr and others. illus MarCor Gaz 55:40-43 Mar '71

Officer corps reform is our job. LtCols William L. Hauser and Zeb B. Bradford, Jr. illus Army 21:34-39 Dec '71

Officer loss 'must slow.' George Foster. AF Times 31:1+ Jan 27 '71

'People' programs require sincerity. Bruce Callander. AF Times 32:13 Sep 8 '71

The power and politics of lieutenantancy. (From address, AFROTC commissioning ceremonies, UCLA, June 22, 1970) Col Robert M. Krone. AF Plcy Ltr for Comdrs: Sup No. 1:16-23 Jan '71

MILITARY SERVICE AS A PROFESSION - Continued

- Preparing for zero draft. (Remarks, Pentagon Press Corps, Washington, Dec 7, 1970) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 2:19-23 Feb '71
- Professionalism: The hard choice. Frederick C. Thayer. illus US Nav Inst Proc 97:36-40 Jun '71
- Retention figures improve. George Foster. AF Times 31:1+ Jun 9 '71
- Retention proposals restudied. AF Times 31:1+ Jan 13 '71
- Re-up timing critical--many benefits offered. Bruce Callander. AF Times 31:13 Jun 23 '71
- Seeing ourselves as others see us...first. Col Mark M. Boatner III. Army 21:24-29 Feb '71
- The ultimate weapon (professionalism in Marine Corps). BrigGen Robert D. Bohn. MarCor Gaz 55:48-49 Oct '71
- Volunteer Army: Military caste? Capt James R. Holbrook. illus Mil Rev 51:91-95 Aug '71
- What are limits of WAF totals? Bruce Callander. AF Times 32:13 Nov 10 '71

MILITARY SUPPLY AND TRANSPORTATION EVALUATION PROCEDURES

- One "MIL" at a time. Edward McConaghy. Translog 2:7+ Aug '71

MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE

- Air taxi shipment of explosive/hazardous commodities. TIG Brief 23:4 Jun 4 '71
- America's inland waterways. Harold A. Baker. illus Translog 2:8-10 Feb '71
- Another routine charter flight? Socked in airport provides problem, MTMTS and ITOs (Installation Transportation Officers) find solution. Translog 2:17 Oct '71
- Army gets sea role. illus Army Log 3:10-11 May-Jun '71
- Army run ocean transport? L. Edgar Prina. illus Navy 14:35-37 Apr '71
- "Balancing the transportation wheel." Maj Joseph N. Clark. illus Translog 2:10+ May '71
- Cardpac! Joseph R. Simone. illus Translog 2:8-10 Aug '71
- Closing the communications gap. SP5 Eduardo E. Sanchez. Translog 2:19-20 May '71
- Credibility gap opens as foes unite against sealift merger. James D. Hessman. Armed Forces J 109:12+ Nov '71
- DISREPS = Discrepancy In Shipment REPorting System (points and pointers). John C. Howard. illus Translog 2:19-22 Aug '71
- DOD passenger + scheduled air = big business. Col Joe O. Bellino. illus Translog 2:2-5 Sep '71
- Dear Mr Congressman. SP5 Ronald J. Dettmer. illus Translog 2:10+ Jun '71
- The equitable routing of export cargo. Translog 2: inside back cover Jun '71
- The 50-mile train without an engine. Joseph J. Cosimano. illus Translog 2:2-3+ May '71

MILITARY TRAFFIC MANAGEMENT AND TERMINAL SERVICE - Continued

- General (Otis E.) Winn decorated at retirement ceremony. illus Translog 2:23-24 Aug '71
- Getting involved is our business. James E. Murphy. illus Translog 2:2-5+ Feb '71
- Imagination + expertise = dollars saved. BrigGen E. B. Owen. illus Translog 2:2-4 Aug '71
- It's your move. Harry J. Dempsey. illus Army Dig 26:22-23 Apr '71
- Lennon panel considers requirements for sealift, airlift James D. Hessman. Armed Forces J 109:34-35 Oct '71
- MSC/MTMTS merger held, DOD (Surface Transportation) Agency proposed. Armed Forces J 108: 12-13 Apr 5 '71
- MTMTS names new deputy, assistant commanders (RADM James E. Forrest and BrigGen Malcolm P. Hooker). illus Translog 2:5-6 Aug '71
- MTMTS reports progress for FY 71. Translog 2:18-19 Oct '71
- Military containerization--impact on worldwide supply. A. Jack Mayor. illus Def Trans J 27:46-49 May-Jun '71
- New shipbuilding programs fail to halt precipitous decline in sealift capabilities. James Hessman. tab illus Armed Forces J 108:25-27+ Apr 5 '71
- Nineteen reasons why traffic managers need to come to MTMTS for assistance and information. Paul R. Chagnon. illus Translog 2:8-9 May '71
- The other ports. illus Translog 2:16-19 Sep '71; South Atlantic outpost. 2:15-16 Oct '71
- The port that traffic management built. Leslie R. Bellows. illus Translog 2:16-18 May '71
- Room at the top. SP5 Ronald J. Dettmar. illus Translog 2:22-23 May '71
- Sealift Command, MTMTS to merge. AF Times 31:36 Mar 17 '71
- The sick whale and the avaricious minnow--Army bid for MSC reveals U.S. sealift weakness. James Hessman. illus Sea Power 14:7-13 Nov '71
- Study forecasts sealift crisis; hits MSC procurement system. Armed Forces J 108:16-17 Jun 7 '71
- Traffic engineering: An art and a science. Burton M. Rudy. illus Translog 2:2-4 Apr '71
- Traffic men study moving problems. Paul Collins. AF Times 32:1+ Dec 15 '71
- 20 answers to 20 questions about transportation security. Translog 2:6-8 Sep '71
- U.S. Government transport agencies. illus charts Def Trans J 27:23-45 Nov-Dec '71
- United we serve. (Association of American Railroads and Military Traffic Management and Terminal Service) A. E. Highland. illus Translog 2:20-22 Nov '71
- Will the minnow swallow the whale? (Defense Dept plan to transfer ocean transportation management and procurement from MSC to Military Traffic Management and Terminal Service (MTMTS)) L. Edgar Prina. illus Sea Power 14:37-39 Oct '71

MILLER, George H.

Needed--a new strategy for preservation of the Republic. RADM George H. Miller. por Sea Power 14:5-11 Dec '71

MILLER, Gerald E.

Public law and the military commander: Responsibility and authority. (Address, Patrol Sq 26 Change of Command, 1971?) VADM Gerald E. Miller. por Nav War Col Rev 24:21-26 Oct '71

MILLS, Wilbur D.

Revenue sharing battle heats up with state, city futures at stake. Samuel Stafford. por Govt Exec 3:59-61 Apr '71

MINE DETECTION AND DETECTORS

Countermining. Capt A. F. Thorp. Mil Engr 63:89-90 Mar-Apr '71

Dogs in countermining warfare. Capt Woodrow L. Quinn, Jr. illus Infantry 61:16-18 Jul-Aug '71

Mine warfare problems. LtGen W. C. Gribble, Jr. illus Ordnance 56:151 Sep-Oct '71

MINE WARFARE

Combat engineers train to clear the way. Col V. Levin. illus Soviet Mil Rev No. 11:18-19 Nov '71

Countermining. Capt A. F. Thorp. Mil Engr 63:89-90 Mar-Apr '71

Mine obstructions in mountains and deserts. Col Y. Galitsky. illus Soviet Mil Rev No. 1:24-26 Jan '71

Mine warfare problems. LtGen W. C. Gribble, Jr. illus Ordnance 56:151 Sep-Oct '71

Soviet mine warfare. John Chomeau. Nav War Col Rev 24:94-96 Dec '71

Study and Teaching

Only a step away. SP4 Tom Bailey. illus Army Dig 26:64-65 Mar '71

MINES AND MINE-LAYING

Combat engineers train to clear the way. Col V. Levin. illus Soviet Mil Rev No. 11:18-19 Nov '71

Mine obstructions in mountains and deserts. Col Y. Galitsky. illus Soviet Mil Rev No. 1:24-26 Jan '71

Mines and mine sweeping. Capt Z. Ashurov. illus Soviet Mil Rev No. 11:29-31 Nov '71

History

Mining: A naval strategy. (Lecture, Naval War College, 1971?) Andrew Patterson, Jr. illus maps Nav War Col Rev 23:52-66 May '71

MINESWEEPERS

Mines and mine sweeping. Capt Z. Ashurov. illus Soviet Mil Rev No. 11:29-31 Nov '71

MINORITIESSee also

Race Relations

also specific groups, e.g.,

American Indians

Eskimos

Negroes in the Armed Forces

MINORITIES - Continued

(AF) Academy Capt (Bob Ramsay) gives minorities sales pitch. illus AF Times 32:36 Sep 15 '71

Amigos--Americans all. Philip R. Smith, Jr. illus Soldiers 26:22-26 Sep '71

Black justice (Robert M. Duncan) nears Appeals Court okay. AF Times 32:3 Oct 6 '71

Black vet has tough row to hoe. Larry Phillips. AF Times 32:42 Nov 10 '71

The control of ethnic minorities in remote South Asia areas. Col Victor J. Croizat. illus maps tab MarCor Gaz 55:18-27 Feb '71

DOD launches Chicano programs. AF Times 31:17 Mar 10 '71

DOD policy results in jobs for blacks. AF Times 32:15 Oct 6 '71

Minorities benefited by AFROTC change. AF Times 32:2 Dec 22 '71

Minorities urged for Guard--'draft dodgers dominate units.' AF Times 32:21 Oct 6 '71

Rules altered for backups--recruiting broadened (for Air Force Reserve and Air National Guard). AF Times 32:3 Nov 10 '71

The trouble with... (Interview with Maj Tyrone P. Fletcher) SP5 Tom Bailey. illus Soldiers 26:4-8 Oct '71

MINTER, Charles S., Jr

(Military logistics--bridge between the economy of the nation and the tactical operation of the military forces) (Address, SOLE 6th Annual Convention, Philadelphia, Aug 1971) VADM C. S. Minter, Jr. Log Spectrum 5:22-24 Winter '71

MINUTEMAN EDUCATION PROGRAM

Master degrees awarded to 146 (SAC) missile officers. AF Times 32:18 Oct 13 '71

MISSILE BASES

See also
Missile Sites

Construction

Heavy concrete placement--using a unique alternative to dewatering (at the Kwajalein Missile Range). Col John A. Hughes. illus Mil Engr 63:268-269 Jul-Aug '71

Safeguard--1971. BrigGen Bates C. Burnell. illus tab Mil Engr 63:386-388 Nov-Dec '71

Maintenance and Repair

One of a kind--the SAC grout team. Capt William E. Craig. illus AF Civil Engr 12:14-16 Nov '71

United States

Unit plays role in missile tests--Vandenberg's MMS (51st Munitions Maintenance Sq). illus AF Times 31:30 Aug 4 '71

MISSILE COMBAT COMPETITIONS

LeMay presents Blanchard Trophy (to Whiteman 351st Strategic Missile Wg in 4th Annual SAC Missile Combat Competition, Vandenberg AFB, Calif, April 1971). illus AF Times 31:63 May 19 '71

MISSILE COMBAT COMPETITIONS - Continued

- Maintenance--that most important job. Editorial. MajGen Pete C. Sianis. *Combat Crew* 22:2-3 Apr '71
- Missile teams vie for (Blanchard) Trophy. *AF Times* 31:51 Apr 28 '71
- 351st (Missile Wg) holds Blanchard Trophy (from 4th annual SAC Missile Combat Competitions, Vandenberg AFB, Calif, April 1971). *illus Combat Crew* 22:22 Jun '71
- Olympic Arena '71. MajGen Gerald W. Johnson. *illus Combat Crew* 22:4-6 Apr '71
- Vandenberg (AFB, Calif) at the ready. Ed Morris and others. *illus Combat Crew* 22:16-22 Apr '71
- Whiteman (351st Strategic Missile Wg) wins Blanchard Trophy (in 4th annual SAC Missile Meet, Vandenberg AFB, Calif, April 1971). *AF Times* 31:26 May 12 '71
- Wings in competition (and Olympia Arena 1971 winners). *illus Combat Crew* 22:23+ Jun '71
- Wings prepare. LtCol B. R. Henderson. *illus Combat Crew* 22:8-14 Apr '71

MISSILE COMMAND

- Army Inertial Guidance Management and Technology Center: Focal point of inertial research and development. John L. McDaniel. *illus tab Def Ind Bul* 7:12-14 Winter '71

MISSILE CREWSSee alsoMissile Training

- Breakthrough in feeding (missile crews). Capt Gary A. Guimond. *illus Airman* 15:34-37 Feb '71
- Education lures missile officers. Jim Sample. *AF Times* 31:16 Mar 31 '71
- 48% of missilemen win O-4 hike. *AF Times* 31:11 Feb 24 '71
- LeMay presents Blanchard Trophy (to Whiteman 351st Strategic Missile Wg in 4th Annual SAC Missile Combat Competition, Vandenberg AFB, Calif, April 1971). *illus AF Times* 31:63 May 19 '71
- Missile modification safety. TIG Brief 23:17 Jan 15 '71
- Missile teams vie for (Blanchard) Trophy. *AF Times* 31:51 Apr 28 '71
- 351st (Missile Wg) holds Blanchard Trophy (from 4th annual SAC Missile Combat Competitions, Vandenberg AFB, Calif, April 1971). *illus Combat Crew* 22:22 Jun '71
- Retargeting. 2dLt Ken Slade. *illus Combat Crew* 22:8-11 Feb '71
- Vandenberg (AFB, Calif) at the ready. Ed Morris and others. *illus Combat Crew* 22:16-22 Apr '71
- When Armageddon comes will they fire in the hole? Ted Wye. *AF Times, Family sup*:8-10+ Nov 17 '71
- Whiteman (351st Strategic Missile Wg) wins Blanchard Trophy (in 4th annual SAC Missile Meet, Vandenberg AFB, Calif, April 1971). *AF Times* 31:26 May 12 '71
- Wings in competition (and Olympia Arena 1971 winners). *illus Combat Crew* 22:23+ Jun '71
- Wings prepare. LtCol B. R. Henderson. *illus Combat Crew* 22:8-14 Apr '71

MISSILE DEFENSESee alsoSafeguard ABM System

- The ABM and the arms race. Colin S. Gray. *illus map Aerosp Hist* 18:26-32 Mar '71
- ABRES (Advanced Ballistic Reentry System)... the cutting edge of the U.S. nuclear deterrent. Edgar Ulsamer. *illus tab Aerosp Intl* 7:39-43 Dec '71; *AF Mag* 54:39-43 Dec '71
- ASW--now or never. CAPT James A. Winnefeld and Carl H. Builder. *illus US Nav Inst Proc* 97:18-25 Sep '71
- Battle management for strategic weapons systems. Col Ralph L. Giddings, Jr, Ret. *illus US Nav Inst Proc* 97:49-52 Jan '71
- The bluewater strategy--Nixon and liberals in tune. Dennis W. Brezina. *illus Navy* 14:24-28 May '71
- DOD's new DSPG (Defense Special Projects Group) to counter SAM defenses. *Armed Forces J* 108:14 Apr 19 '71
- EXPO (EXtended range POseidon) is dead: Long live ULMS-1. L. Edgar Prina. *illus Sea Power* 14:37-38 Nov '71
- (Effects of a U.S.-USSR agreement on the limitation of ABM systems) LtGen Ira C. Eaker, Ret. *AF Times* 31:13 Jun 16 '71
- Hedging on a strategic gamble. Col Joseph E. Muckerman II. *illus Army* 21:10-16 Sep '71
- Long-range planning factors in the Brosio Exercise. Lawrence L. Whetten. *illus Mil Rev* 51:50-59 Jul '71
- A look at our LAMPS. Michael R. Bonsignore. *illus US Nav Inst Proc* 97:26-31 Dec '71
- MIRV: Anatomy of an enigma. Phillip A. Karber. *AF Mag* 54:83-84+ Feb '71
- Minuteman--ten years of solid performance. William Leavitt. *illus tabs AF Mag* 54:22-28 Mar '71
- The most hunted submarine--Poseidon goes to sea. Interview. RADM Levering Smith. *illus Navy* 14:20-23 May '71
- New Chinese and Soviet missile developments. *Intl Def Rev* 4:111 Apr '71
- The only option? (Blue water) (Prize Essay, 1971, 2d Honorable Mention) George E. Lowe. *illus US Nav Inst Proc* 97:18-26 Apr '71
- (Pacifist scientists attack John S. Foster, Jr for his suggestions on Russia's overtaking the United States in science and technology) LtGen Ira C. Eaker, Ret. *AF Times* 31:13 Jun 23 '71
- Safeguard, sufficiency, and SALT. Mark B. Schneider. *illus Mil Rev* 51:24-33 May '71
- Sea watch established. *AF Times* 32:3 Sep 8 '71
- Soviet submarine threat--worse than you thought. Norman Polmar. *illus tab Navy* 14:6-13 Jul-Aug '71
- The strategic balance. AVM Neil Cameron. *tab Royal Air Forces Qtr pt* 1, 11-169-175 Autumn '71
- Sweet and sour SALT. L. Edgar Prina. *illus Navy* 14:32-33 May '71
- Swifter and surer. Lt Guy T. Ryder. *illus Army Dig* 26:24-26 May '71

MISSILE DEFENSE - Continued

The synergy of the triad. Gen John C. Meyer. illus
AU Rev 22:17-25 Sep-Oct '71

ULMS vs EXPO (EXtended POseidon) missile subs.
illus Sea Power 14:37-38 Sep '71

MISSILE INDUSTRY AND TRADE

Weapon systems--the sea takes priority (at 29th Paris
Salon). illus Interavia 26:921-922 Aug '71

Europe, Western

Franco-German missiles. Stefan Geisenheyner. illus
AF Mag 54:18-19 Mar '71

Japan

Japan's military goal--building a strong defense.
Ronald Golden. illus Aerosp Intl 7:26-27+ Mar-
Apr '71

MISSILE MAINTENANCE

Escalating opportunities--missiles, that is! Capt
C.L.Honn. illus Combat Crew 22:18-19 May '71

Maintenance--that most important job. Editorial.
MajGen Pete C. Sianis. Combat Crew 22:2-3
Apr '71

Missile modification safety. TIG Brief 23:17 Jan 15 '71

Unit plays role in missile tests--Vandenberg's MMS
(51st Munitions Maintenance Sq). illus AF Times
31:30 Aug 4 '71

MISSILE RANGES see Missile Test CentersMISSILE SITESSee also

Missile Bases

SAC's innkeepers. Capt Gary A. Guimond. illus
Airman 15:20-23 May '71

Construction

See Missile Bases--Construction

MISSILE TEST CENTERS

Securing the system for go (Missile Operations Sup-
port Unit, Vandenberg AFB, Calif). Capt Gary A.
Guimond. illus Airman 15:23-25 Jun '71

MISSILE TRAINING

Air-to-air missiles. (Firing live missiles from
interceptor fighters) LtCol Y. Vasin. illus Soviet
Mil Rev No. 9:30-31 Sep '71

Education lures missile officers. Jim Sample. AF
Times 31:16 Mar 31 '71

Half of EM bound for OTS in '72 to get missile field.
AF Times 31:3 May 26 '71

TOW comes to Europe. A.J.Wallis. illus Intl Def
Rev 4:279-281 Jun '71

The tortoise and the hare. (Training students to raise
and lower retractable work platforms in the
launch duct) Capt Carl A. Wolfrum, Jr. illus
Combat Crew 22:8-10 Nov '71

When Armageddon comes will they fire in the hole?
Ted Wye. AF Times, Family sup:8-10+ Nov 17 '71

MISSILE TYPESee also

Missiles

MISSILE TYPE - ContinuedASROC

ASROC/Terrier. H.W.Ragland. illus Ordnance 55:
359 Jan-Feb '71

Hawk

Fire a bird. Lt Dale D. Glendening. illus Army Dig
26:27-29 May '71

Lance

First production buy of Lance. Armed Forces J
108:17+ Feb 1 '71

Maverick

Updating the (Air) Force. Ed Blair. illus Airman 15:
7-11 Mar '71

Minuteman

MRV: Anatomy of an enigma. Phillip A. Karber. AF
Mag 54:83-84+ Feb '71

Minuteman. Pictorial. Kenneth Hackman. illus Air-
man 15:24-27 Feb '71

Minuteman--first among equals. Edgar Ulsamer.
illus AF Mag 54:32-35 Mar '71

Minuteman ICBM stays up-to-date. illus AF Times
31:30 Feb 17 '71

Minuteman--ten years of solid performance. William
Leavitt. illus tabs AF Mag 54:22-28 Mar '71

Minuteman--the best is yet to be. Irving Stone. illus
AF Mag 54:29-31 Mar '71

When Armageddon comes will they fire in the hole?
Ted Wye. AF Times, Family sup:8-10+ Nov 17 '71

History

Minuteman--ten years of solid performance. William
Leavitt. illus tabs AF Mag 54:22-28 Mar '71

Nike Hercules

Active, Guard Nike defense cut heavily. Natl Guards-
man 25:13 Apr '71

Polaris

The most hunted submarine--Poseidon goes to sea.
Interview. RADM Levering Smith. illus Navy
14:20-23 May '71

ULMS vs EXPO (EXtended POseidon) missile subs.
illus Sea Power 14:37-38 Sep '71

Poseidon

EXPO (EXtended range POseidon) is dead: Long live
ULMS-1. L. Edgar Prina. illus Sea Power 14:37-
38 Nov '71

The most hunted submarine--Poseidon goes to sea.
Interview. RADM Levering Smith. illus Navy
14:20-23 May '71

Not EXPO (EXpanded POseidon) but time-phased
ULMS. Armed Forces J 109:21 Dec '71

ULMS vs EXPO (EXtended POseidon) missile subs.
illus Sea Power 14:37-38 Sep '71

Redeye

Redeye. Capt M.L.Jackson. illus MarCor Gaz 55:
47-48 May '71

MISSILE TYPE - ContinuedSRAM

SRAM gets production go-ahead. George Weiss. illus Armed Forces J 108:14-15 Feb 1 '71

Updating the (Air) Force. Ed Blair. illus Airman 15: 7-11 Mar '71

Skybolt

Britain and the Skybolt affair. James A. Dewar. illus Aerosp Hist 18:129-134 Sep '71

Terrier

ASROC/Terrier. H.W. Ragland. illus Ordnance 55: 359 Jan-Feb '71

MISSILE UNITSRussia

Fighting for every second. Maj A. Derevyanko. illus Soviet Mil Rev No. 2:12-13 Feb '71

United States

LeMay presents Blanchard Trophy (to Whiteman 351st Strategic Missile Wg in 4th Annual SAC Missile Combat Competition, Vandenberg AFB, Calif, April 1971). illus AF Times 31:63 May 19 '71

Missile teams vie for (Blanchard) Trophy. AF Times 31:51 Apr 28 '71

351st (Missile Wg) holds Blanchard Trophy (from 4th annual SAC Missile Combat Competitions, Vandenberg AFB, Calif, April 1971). illus Combat Crew 22:22 Jun '71

Unit plays role in missile tests--Vandenberg's MMS (51st Munitions Maintenance Sq). illus AF Times 31:30 Aug 4 '71

Vandenberg (AFB, Calif) at the ready. Ed Morris and others. illus Combat Crew 22:16-22 Apr '71

When Armageddon comes will they fire in the hole? Ted Wye. AF Times, Family sup:8-10+ Nov 17 '71

Whiteman (351st Strategic Missile Wg) wins Blanchard Trophy (in 4th annual SAC Missile Meet, Vandenberg AFB, Calif, April 1971). AF Times 31:26 May 12 '71

Wings in competition (and Olympia Arena 1971 winners). illus Combat Crew 22:23+ Jun '71

Wings prepare. LtCol B.R. Henderson. illus Combat Crew 22:8-14 Apr '71

MISSILESSee alsoRockets

Army impressed by foreign missile system. Brooke Nihart. illus Armed Forces J 108:32-33 Jun 21 '71

The military aspect of the Paris Air Show. John Marriott. Armed Forces J 108:38-39 Jun 21 '71

Characteristics

Jane's All the World's Aircraft Supplement. Regular feature in issues of Aerospace International; some issues of Air Force Magazine

The low altitude SAM threat. Capt Merle L. Crabb. tab MarCor Gaz 55:48-49 Feb '71

TOW comes to Europe. A.J. Wallis. illus Intl Def Rev 4:279-281 Jun '71

Tactical air to surface weapons. John Marriott. illus tab Intl Def Rev 3:162-166 Jun '71

MISSILES - ContinuedComponentsReliability

The Navy's telemetry system program. Brent D. Peterson. illus Signal 26:14-17 Dec '71

Countermeasures

See Missiles--Defenses

Exhibitions

Weapon systems--the sea takes priority (at 29th Paris Salon). illus Interavia 26:921-922 Aug '71

Ground-Support Equipment

Securing the system for go (Missile Operations Support Unit, Vandenberg AFB, Calif). Capt Gary A. Guimond. illus Airman 15:23-25 Jun '71

Guidance and Control

Franco-German missiles. Stefan Geisenheyner. illus AF Mag 54:18-19 Mar '71

Tactical air to surface weapons. John Marriott. illus tab Intl Def Rev 3:162-166 Jun '71

Equipment

Retargeting. 2dLt Ken Slade. illus Combat Crew 22:8-11 Feb '71

Launching

Revolution in tank armament. Martin J. Miller, Jr and Konrad F. Schreier, Jr. illus tab Army 21: 49-53 Mar '71

Securing the system for go (Missile Operations Support Unit, Vandenberg AFB, Calif). Capt Gary A. Guimond. illus Airman 15:23-25 Jun '71

When Armageddon comes will they fire in the hole? Ted Wye. AF Times, Family sup:8-10+ Nov 17 '71

Maintenance and Repair

See Missile Maintenance

Re-entry

ABRES (Advanced Ballistic Reentry System)...the cutting edge of the U.S. nuclear deterrent. Edgar Ulsamer. illus tab Aerosp Intl 7:39-43 Dec '71; AF Mag 54:39-43 Dec '71

Safety Measures

Birds on probation. Kent Nickerson. illus Combat Crew 22:12-14 Jan '71

Missile modification safety. TIG Brief 23:17 Jan 15 '71

Tracking

Megabits by bits, missile data grows. AF Times 31:38 Mar 10 '71

Short year at Wideawake (Ascension (Island) Auxiliary Airfield). Capt Garry E. Mitchelmore. illus Airman 15:36-30 Apr '71

Warheads

ABRES (Advanced Ballistic Reentry System)...the cutting edge of the U.S. nuclear deterrent. Edgar Ulsamer. illus tab Aerosp Intl 7:39-43 Dec '71; AF Mag 54:39-43 Dec '71

MIRV: Anatomy of an enigma. Phillip A. Karber. AF Mag 54:83-84+ Feb '71

The most hunted submarine--Poseidon goes to sea. Interview. RADM Levering Smith. illus Navy 14:20-23 May '71

MISSILES - ContinuedChina (People's Republic)

China's strategic weakness. Neville Brown. (Revised from New Middle East, Dec 1970) illus Mil Rev 51:3-9 Nov '71

New Chinese and Soviet missile developments. Intl Def Rev 4:111 Apr '71

Europe, Western

Franco-German missiles. Stefan Geisenheyner. illus AF Mag 54:18-19 Mar '71

Roland--a cost-effective weapons system. illus (Also cutaways) Intl Def Rev 4:79+ Feb '71

Tactical air to surface weapons. John Marriott. illus tab Intl Def Rev 3:162-166 Jun '71

France

OTOMAT: French-Italian anti-ship missile. illus Armed Forces J 108:17 Apr 5 '71

Two new Franco/German missiles. Stefan Geisenheyner. illus Aerosp Intl 7:65 May-Jun '71

Germany (Federal Republic)

A report from Bonn--West German Navy streamlines its fast patrol boat fleet in the Baltic. G.M. Bailly-Cowell. illus NATO's Fifteen Nations 16:45-48 Jun-Jul '71

Two new Franco/German missiles. Stefan Geisenheyner. illus Aerosp Intl 7:65 May-Jun '71

Great Britain

Britain and the Skybolt affair. James A. Dewar. illus Aerosp Hist 18:129-134 Sep '71

SLAM (Submarine Launched Air Missile). illus NATO's Fifteen Nations 16:82 Jun-Jul '71

Israel

Israel's Gabriel--top defense missile. illus Space World H-1-85:23-29 Jan '71

Italy

OTOMAT: French-Italian anti-ship missile. illus Armed Forces J 108:17 Apr 5 '71

Norway

Penguin--filling the ship to ship missile gap. illus tabs Intl Def Rev 4:168-169 Apr '71

Russia

The ABM and the arms race. Colin S. Gray. illus map Aerosp Hist 18:26-32 Mar '71

The bluewater strategy--Nixon and liberals in tune. Dennis W. Brezina. illus Navy 14:24-28 May '71

The development of Soviet military power in the past 20 years. illus map NATO's Fifteen Nations 16:36-42 Apr-May '71

Hedging on a strategic gamble. Col Joseph E. Muckerman II. illus Army 21:10-16 Sep '71

New Chinese and Soviet missile developments. Intl Def Rev 4:111 Apr '71

The Soviet threat. (From address, House of Representatives, Sep 28, 1970) L. Mendel Rivers. Intl Def Rev 4:39-40 Feb '71

The strategic threat. BrigGen Harry N. Cordes. illus AF Mag 54:51-55 Jul '71

MISSILES - ContinuedUnited StatesSee alsoMissile Type

The ABM and the arms race. Colin S. Gray. illus map Aerosp Hist 18:26-32 Mar '71

ABRES (Advanced Ballistic Reentry System)... the cutting edge of the U.S. nuclear deterrent. Edgar Ulsamer. illus tab Aerosp Intl 7:39-43 Dec '71; AF Mag 54:39-43 Dec '71

Britain and the Skybolt affair. James A. Dewar. illus Aerosp Hist 18:129-134 Sep '71

Missiles and astronautics. Col Leon Booth, Ret. Regular feature in issues of Ordnance

The strategic triad. MajGen G.W. Johnson and others. illus Ordnance 55:343-346 Jan-Feb '71

Costs

Austerity stays with us. Claude Witze. tabs AF Mag 54:9-11 Mar '71

United States--Air Force

Data for deterrence. MajGen William C. Garland. illus Combat Crew 22:2+ Oct '71

A gallery of USAF weapons: The missiles. illus AF Mag 54:149-151 May '71

Rocketry's ageless wonders. (Reprinted from Skyline, vol 28, no. 4, 1970) illus Space World H-5-89:4-15 May '71

(Space) Museum (Cape Kennedy AFS, Fla) displays rockets. illus AF Times 32:40 Sep 29 '71

Testing

Unit plays role in missile tests--Vandenberg's MMS (51st Munitions Maintenance Sq). illus AF Times 31:30 Aug 4 '71

United States--Armed Forces

Hedging on a strategic gamble. Col Joseph E. Muckerman II. illus Army 21:10-16 Sep '71

United States--Army

Air attack threat to field forces greatest since 1942? Brooke Nihart. illus Armed Forces J 108:36-39 Aug '71

Lance. Maj Lee O. Ringham. illus Fld Artilleryman, pp 4-11, Aug '71

Swifter and surer. Lt Guy T. Ryder. illus Army Dig 26:24-26 May '71

TOW comes to Europe. A.J. Wallis. illus Intl Def Rev 4:279-281 Jun '71

United States--Marine Corps

Redeye. Capt M.L. Jackson. illus MarCor Gaz 55:47-48 May '71

United States--Navy

Air attack threat to field forces greatest since 1942? Brooke Nihart. illus Armed Forces J 108:36-39 Aug '71

The bluewater strategy--Nixon and liberals in tune. Dennis W. Brezina. illus Navy 14:24-28 May '71

MISSILES - ContinuedUnited States -- Navy - Cont'd

- EXPO (EXtended range POseidon) is dead: Long live ULMS-1. L. Edgar Prina. illus Sea Power 14:37-38 Nov '71
- 'Expanded Poseidon' clouds ULMS picture. James D. Hessman and Benjamin F. Schemmer. Armed Forces J 108:16-17 Aug '71
- First Navy ship-to-ship missile test fired. illus Armed Forces J 108:22 Jun 7 '71
- Navy reveals shipbuilding program. Armed Forces J 109:16+ Oct '71
- Not EXPO (EXpanded POseidon) but time-phased ULMS. Armed Forces J 109:21 Dec '71
- The nuclear submarine race: Neck-and-neck today, U.S. in second place by 1976? Norman C. Polmar. illus tab Armed Forces J 108:34-36+ Jan 18 '71
- Soviet submarine threat--worse than you thought. Norman Polmar. illus tab Navy 14:6-13 Jul-Aug '71
- Sweet and sour SALT. L. Edgar Prina. illus Navy 14:32-33 May '71
- ULMS vs EXPO (EXtended POseidon) missile subs. illus Sea Power 14:37-38 Sep '71

MISSILES, ANTI-AIRCRAFT

- First Navy ship-to-ship missile test fired. illus Armed Forces J 108:22 Jun 7 '71
- The low altitude SAM threat. Capt Merle L. Crabb. tab MarCor Gaz 55:48-49 Feb '71
- Redeye. Capt M. L. Jackson. illus MarCor Gaz 55:47-48 May '71
- Roland--a cost-effective weapons system. illus (Also cutaways) Intl Def Rev 4:79+ Feb '71

MISSILES, ANTITANK

- The ACRA (Anti-Char Rapide Autopropulsé) anti-tank weapon system. illus Intl Def Rev 3:203-204 Jun '70
- Anti-tank missiles in Europe. John Marriott. illus tab Armed Forces J 108:30-31 Jul 19 '71
- Army reverses decision to buy TOW-equipped Cobra gunships. Armed Forces J 108:16-17 Feb 15 '71
- Gun or guided weapon? LtCol J. S. Weeks. illus Ordnance 55:552-555 May-Jun '71
- Revolution in tank armament. Martin J. Miller, Jr and Konrad F. Schreier, Jr. illus tab Army 21:49-53 Mar '71
- TOW comes to Europe. A. J. Wallis. illus Intl Def Rev 4:279-281 Jun '71
- TOW on Cobra is go again. Armed Forces J 108:16 Mar 15 '71
- Tank killers. Capt Walter E. Brinker, Jr. illus Infantry 61:12-15 Jul-Aug '71
- The year of the Dragon. Maj Robert J. Dutcher. illus Infantry 61:16 May-Jun '71

MITCHELL, Billy

- The bombing at Virginia Capes. Dale L. Walker. illus Am Avn Hist Soc J 16:170-174 Fall '71

MOBILE SEABASE CONCEPT

- At sea--where we belong. Maj Robert C. McFarlane. illus US Nav Inst Proc 97:36-42 Nov '71

MOBILE SEABASE CONCEPT - Continued

- Seabase: The true amphibious operation. LtCol J. W. Hammond, Jr. illus MarCor Gaz 55:18-26 Aug '71
- Seaborne mobile logistics. Maj Edward J. Clarkson. tab MarCor Gaz 55:44-45 Feb '71

MOBILE TRAINING UNITS

- Training by television. (SAC mobile television van) illus Airman 15:37-38 Oct '71
- Truong Chi-Huy va Tham-Muu. Maj Albert D. McJoynt and others. illus AU Rev 22:49-55 Jan-Feb '71

MOBILITYSee also

- Air Mobility
Mobile Seabase Concept

- Army mobility for logistical support. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) BrigGen George M. Bush. illus Mil Engr 63:306-312 Sep-Oct '71
- Army triple threat division (TRICAP--TRiple CAPability) test at Ft Hood (Tex). Brooke Nihart. illus Armed Forces J 108:30-31+ May 3 '71
- The Bertrand Stewart Prize Essay, 1970. (Concept of European operations for the 1980 period) Lt J. C. B. Sutherell. illus Army Qtr 101:163-177 Jan '71
- Body armor or mobility? Capt David F. Winecoff. illus MarCor Gaz 55:28-31 Jun '71
- The combat slice. Col Robert B. Rigg, Ret. illus tabs Army 21:20-27 Jun '71
- Dual-base Exercise (Crested Cap III) nears. AF Times 32:24 Sep 15 '71
- The man-powered military vehicle. F. P. U. Croker. Army Qtr 101:475-478 Jul '71
- Mission: Developing mobility support--Mobility Equipment Research and Development Center. Col Bennett L. Lewis. illus chart Def Ind Bul 7:36-41 Summer '71
- Mission: Mobility support--Army Mobility Equipment Command. BrigGen George M. Bush. illus chart Def Ind Bul 7:30-35 Summer '71
- Mobility and environmental research. (Movement of military vehicles) D. R. Freitag and M. L. Doiron. illus Mil Engr 63:12-15 Jan-Feb '71
- NATO's ACE Mobile Force. R. D. M. Furlong. illus Intl Def Rev 4:46-49 Feb '71
- A new range of wheeled vehicles for the German Army. tabs illus (Also cutaway) Intl Def Rev 3:197-199 Jun '70
- (Operation) Montana Raider: Mobility in the jungle--classroom for tomorrow? Col James H. Leach and others. illus maps Armor 80:4-14 Sep-Oct '71
- Strategic mobility and European NATO. MajGen J. L. Moulton, Ret. illus NATO's Fifteen Nations 16:34-40 Oct-Nov '71
- TRICAP (TRiple CAPability). LtGen John Norton. illus map chart Army 21:14-19 Jun '71
- TRICAP (TRiple CAPability)--a new concept. Charles W. Corddry. illus Natl Guardsman 25:2-10 Apr '71

MOBILITY EQUIPMENT COMMAND

Mission: Developing mobility support--Mobility Equipment Research and Development Center. Col Bennett L. Lewis. illus chart Def Ind Bul 7:36-41 Summer '71

Mission: Mobility support--Army Mobility Equipment Command. BrigGen George M. Bush. illus chart Def Ind Bul 7:30-35 Summer '71

MOBILIZATION, INDUSTRIAL

Mobilization priorities. A.A. Bertsch. Ordnance 55:350-352 Jan-Feb '71

Plans for preparedness. VADM Eli T. Reich. Ordnance 55:446-450 Mar-Apr '71

Soviet military-economic complex. Konstantin K. Krylov. illus Mil Rev 51:89-97 Nov '71

Teamwork for industrial preparedness. VADM Eli T. Reich. Ordnance 56:209-210 Nov-Dec '71

MOBILIZATION, MILITARYUnited States

Mobilization policies are consolidated into a single document. Officer 47:25 Jan '71

Public affairs aspects of the 1968 Reserve mobilization. Maj John D. Williams. illus AU Rev 23:59-67 Nov-Dec '71

MOMYER, William W.

TAC Air: Present and future lessons, problems, and needs. George Weiss. por Armed Forces J 109:30-35 Sep '71

The Tactical Air Command. por AF Mag 54:87-91 May '71

MONTOYA, Joseph M.

The critical time. (Address, Kitty Hawk Club, Wright-Patterson AFB, Ohio) Sen Joseph M. Montoya. Elect Warfare 3:28 Spring '71

MOONSee also

Space Flight to the Moon

Apollo 15 landing site. Space World H-2-86:45 Feb '71

Apollo 16 site selection. Space World H-11-95:44+ Nov '71

Astronaut to set off explosions in search for water on the moon. Space World H-4-88:43 Apr '71

Chemism of lunar rock. (From speech, press conference, Moscow, Oct 28, 1970) Alexander Vinogradov. Space World H-6-90:19-20 Jun '71

International moon conference. (Conference on Lunar Exploration, Newcastle-Upon-Tyne, England, March 22-26, 1971) Peter Goodwin. illus Spaceflight 13:282-283 Aug '71

Luna 16 moon samples. illus Spaceflight 13:54-55 Feb '71

Lunar research and exhibition (Institute of Geological Sciences, South Kensington, London). P.J. Parker. illus Spaceflight 13:154-155 Apr '71

Lunar soil mechanics. Maj Stewart W. Johnson and W. David Carrier III. illus Mil Engr 63:324-328 Sep-Oct '71

Lunar water process. illus Spaceflight 13:131 Apr '71

MOON - Continued

Mission to Hadley-Apennine (landing site for Apollo 15). illus Spaceflight 13:45-46 Feb '71

Moon found serene despite monthly quakes. Spaceflight 13:458 Dec '71

Moon samples by automation. Kenneth W. Gatland. illus (Also cutaway) Spaceflight 13:2-5+ Jan '71

On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71

Preliminary examination of the Apollo 12 lunar samples. J.E. Davies. tab Spaceflight 13:24-29 Jan '71

The progress of space exploration and research. Anatoly Blagonravov. illus Space World H-9-93:12-21 Sep '71

("Project Diana"--first man-made signals bounced off moon) Signal 25:66+ Mar '71

Russian report. Space World H-12-96:40-42+ Dec '71

Three days on the moon. illus map Interavia 26:1121-1123 Oct '71

MOON VEHICLES

Air Force tracks on the moon (Apollo 15). illus Airman 15:3-8 Jul '71

Airborne erector set (Lunar Landing Training Vehicle). MSgt Loren B. Leonberger. illus Airman 15:21-23 Feb '71

Expedition to Hadley-Apennine. David Baker. illus Spaceflight pt 1, 13:358-362+ Oct '71; pt 2, 13:431-435 Nov '71; pt 3, 13:468-470 Dec '71

First moon tyre. Spaceflight 13:135 Apr '71

Hardware for Apollo 15 extends exploring range. AF Times 31:51 Jul 21 '71

The Lunar Rover. Eugene G. Cowart. illus (Also cutaway) tabs Mil Engr 63:25-27 Jan-Feb '71

The Lunar Rover and its navigation system. illus Space World H-7-91:44-45 Jul '71

Lunar Roving Vehicle. illus Space World H-12-96:12-25 Dec '71

Lunar Roving Vehicle: Design report. David Baker. illus Spaceflight 13:234-240 Jul '71

Lunokhod 1. illus Spaceflight 13:90-91 Mar '71

Lunokhod I on the expansion of the universe. Sergei Mandelshtam. Space World H-4-88:46 Apr '71

Lunokhod 1--Soviets land first vehicle on moon. illus Interavia 26:78 Jan '71

Lunokhod 1--thirty-five days of work on the moon. Space World H-5-89:35-39 May '71

Lunokhod experiments. Spaceflight 13:125-127 Apr '71

Moon samples by automation. Kenneth W. Gatland. illus (Also cutaway) Spaceflight 13:2-5+ Jan '71

Moon tires are flat tires on Earth. illus Space World H-9-93:9-11 Sep '71

The moon: Traveling on wheels. (Lunar self-propelled roving vehicle Lunokhod 1) Yuri Marinin. illus Space World H-4-88:25-27 Apr '71

On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71

MOON VEHICLES - Continued

The progress of space exploration and research. Anatoly Blagonravov. illus Space World H-9-93: 12-21 Sep '71

Rover trainer. Spaceflight 13:130-131 Apr '71

Self-propelled vehicle on the moon. V. Petrov. illus Soviet Mil Rev No. 1:10-11 Jan '71

The Soviet self-propelled lunar space chariot. (Abridged interview with chief designer of Lunokhod 1 chassis) Boris Kiltovoi. Space World H-4-88:34-36 Apr '71

MOONLIGHTING

Few doctors moonlight, despite patients' gripes. Jim Sample. AF Times 31:1+ Jul 28 '71

MOORE, Arthur R., Jr

Squadron Officer School, junior officers and you. Col Arthur R. Moore, Jr. illus AU Rev 22:34-44 Sep-Oct '71

MOORE, Joseph H.

Moore retires, (and other general officers) shifts on. Ed Gates. AF Times 31:17 Apr 14 '71

MOORE, Rollin B., Jr

Headquarters Air Force Reserve. por AF Mag 54: 123-125 May '71

MOORER, Thomas H.

Budget and national security. ADM Thomas H. Moorer. por Review 50:26-28+ Jan-Feb '71

The defense budget and our national security. (Address, Huntsville-Madison County Chamber of Commerce, Huntsville, Ala, Dec 1970) ADM T.H. Moorer. tab Signal 25:20-24 Apr '71

JCS defend budget. LtGen Ira C. Eaker, Ret. AF Times 31:13 Apr 14 '71

Moorer: Viable options, purple suit questions and the pendulum theory. Interview. ADM Thomas H. Moorer. por Armed Forces J 108:18-22 Jan 4 '71

MOORMAN, Thomas S.

Gen Moorman (Ret) joins firm's board (and positions of other retired officers announced). AF Times 31:30 Mar 10 '71

2 (retired USAF) generals (LtGen Thomas S. Moorman and MajGen Curtis R. Low) active in land firm (Golden Cycle Corp). AF Times 31:28 Apr 7 '71

MOOT, Robert C.

Defense budgeting--a new look. Robert C. Moot. illus Army Log 3:4-7+ Jul-Aug '71

Financial environment of defense. Robert C. Moot. por Def Ind Bul 7:9-12 Fall '71

The role of the comptroller (in weapon system acquisition). Robert C. Moot. illus Def Mgt J 7:16-21 Fall '71

The task ahead. Robert C. Moot. por Armed Forces Compt 16:35-38 Spring '71

MORAL EDUCATION

See also
Character Guidance

Seminars on 'sexuality' offered to young WAF. AF Times 31:6 Apr 7 '71

MORALE

Army's LtGen George I. Forsythe: "Return... to soldiering." illus Govt Exec 3:23 Feb '71

Barracks life now a little brighter, to attract volunteers. Army 21:6-7+ Jan '71

The collapse of the Armed Forces. Col Robert D. Heinl, Jr. illus Armed Forces J 108:30-38 Jun 7 '71

The combat slice. Col Robert B. Rigg, Ret. illus tabs Army 21:20-27 Jun '71

Draftees vs lifers: Loser is Army morale. Col Robert D. Heinl, Jr. Armed Forces J 108:19 May 3 '71

The frustration factor. CDR F. B. Shemanski. illus US Nav Inst Proc 97:27-33 Apr '71

Hebert upsets troops on morale. AF Times 31:1+ Feb 3 '71

Improving things for people. (Address, AFA Convention, Washington, Sep 21, 1971) Robert C. Seamans, Jr. illus AF Mag 54:63-65 Nov '71. Adaptation. AF Plcy Ltr for Comdrs: Sup No. 11: 17-22 Nov '71

In unity with the people. Capt A. Skrylnik. Soviet Mil Rev No. 3:2-4 Mar '71

Keep the military tough. MajGen Perry Bruce Griffith, Ret. illus MarCor Gaz 55:50-52 Jul '71

Man to man. SGM Silas L. Copeland. illus Soldiers 26:4 Dec '71

Motivation and hard times. W.N. Price. illus Def Mgt J 6:50-53 Feb '71

National suicide? Ernest Cuneo. illus Ordnance 55: 536-538 May-Jun '71

Navy must change to survive in coming all-volunteer age. Stephan A. Schwartz. illus Navy 14:15-20 Jan '71

New policies to improve Air Force life. TIG Brief 23:8 Jan 15 '71

Official directives: For non-people? Tone more vital than contents. Bruce Callander. AF Times 31:13 May 5 '71

Paging unsung heroes. (Post-Vietnam troops with serious morale and discipline problems) Maj Lewis Higinbotham. AF Times, Family sup:6-8+ Dec 1 '71

Planners look beyond cost in irritant war. Bruce Callander. AF Times 31:1+ Jan 27 '71

The problem of morale. Editorial. Ordnance 56:48 Jul-Aug '71

Removing 'irritants' may lower esprit. Col William Moore. AF Times 32:13 Oct 27 '71

Retention proposals restudied. AF Times 31:1+ Jan 13 '71

Solving people problems. Capt Cliff Wieden. MarCor Gaz 55:15-16 Jul '71

TAC outlines fight on 'irritants.' AF Times 31:55 Feb 10 '71

Volunteer Army: How it looks to a company commander. Capt Robert B. Killebrew. illus Army 21:19-22 Mar '71

Z-grams. illus US Nav Inst Proc 97:292-298 May '71

MORRIS, Frederick E., Jr

Air Force's ALS (Advanced Logistics System)-- vendor disenchantment. (Includes interview with MajGen Frederick E. Morris, Jr) por Govt Exec 3:27 Jul '71

MORRIS, William H. H., Jr

LtGen William Henry Harrison Morris, Jr, 22 March 1900-30 March 1971. por obit Armor 80:15 Jul-Aug '71

MORRISON, George S.

Major command. RADM G.S. Morrison. illus US Nav Inst Proc 97:14-17 Aug '71

MOTHBALL FLEET

Mothball fleet--the nation's naval attic. Robert J. Boylan. illus Navy 14:27-30 Apr '71

History

Mr Jefferson's mothball fleet. John P. Sinnott. map illus Navy 14:22-27 Apr '71

MOTHBALLING see Mothball FleetMOTION PICTURES

Computer films eyed for military. illus AF Times 31:24 May 19 '71

The flick of time. (Films used in Project Palace Flick to explain programs at Military Personnel Center, Randolph AFB, Tex) MSgt Loren B. Leonberger. illus Airman 15:41-42 Nov '71

The general (George S. Patton, Jr) and the movie. BrigGen Edwin H. Randle, Ret. illus Army 21:17-22 Sep '71

'Palace Flicks' scheduled for '72 debut at bases. AF Times 32:10 Dec 22 '71

The Patton story. SP5 Tom Bailey. illus Soldiers 26:8-11 Jul '71

Trans Com--a new name in inflight entertainment. illus Interavia 26:1309 Nov '71

MOTION SICKNESS

Comparison of tracking-task performance and nystagmus during sinusoidal oscillation in yaw and pitch. Alan J. Benson and Fred E. Guedry, Jr. illus Aerosp Med 42:593-601 Jun '71

Reliability and validity of the brief vestibular disorientation test compared under 10-RPM and 15-RPM conditions. Rosalie K. Ambler and Fred E. Guedry, Jr. illus tabs Aerosp Med 42:186-189 Feb '71

Responses to Coriolis stimulation in nonmotionsick and motionsick-prone navigators compared with pilots and airman trainees. P.J. Dowd and others. tab Aerosp Med 42:703-705 Jul '71

MOTIVATION (PSYCHOLOGY)

Airman motivation. SMSgt Bruce Emerson. USAF Instrs J 8:12-14 Spring '71

The human factor in work force productivity. Capt Allen J. Sailer. illus tab AF Civil Engr 12:22-23 May '71

Influencing factors of motivation. MSgt Robert L. Hertzog. USAF Instrs J 9:57-60 Summer '71

'Motivate me!' LtCol Albert N. Garland, Ret. illus Army 21:41-44 Dec '71

MOTIVATION (PSYCHOLOGY) - Continued

Motivation--a challenge to leadership. (Address, 1970 Homecoming Banquet, USAFA Assoc of Graduates, Colorado Springs, Oct 10, 1970) LtGen A.P. Clark. AF Plcy Ltr for Comdrs: Sup No. 1:3-10 Jan '71

Motivation and hard times. W.N. Price. illus Def Mgt J 6:50-53 Feb '71

The motivation of excellence. David C. Korten. illus AU Rev 22:23-28 May-Jun '71

Motivation release from within. Mark B. Silber. Def Mgt J 7:9-14 Spring '71

Motivational management. SMSgt Bruce Emerson. illus USAF Instrs J 9:20-25 Fall '71

Psychophysiological and conversion mechanisms: The aviator's emotional face curtain. J.A. Pursch and R.F. Reinhardt. Aerosp Med 42:1015-1017 Sep '71

The second chance. W.L. Brothers. USAF Instrs J 8:21-25 Winter '70-'71

Using Newton's first law. Capt J. Bradley Stiles. USAF Instrs J 9:25-28 Summer '71

What makes Sammy stay? CAPT Benjamin C. Byrnside. tabs Persp in Def Mgt, pp 45-50, Autumn '71

Why can't I motivate my people? BrigGen John A. Hoefling. illus Infantry 61:18-20 Nov-Dec '71

MOTOR VEHICLESSee also

Automobiles
Trucks and Trucking

Air pollution--hybrid engines the key? illus Govt Exec 3:13-14 Feb '71

Clean cars--new way at GSA. Govt Exec 3:18 Jun '71

Highways and national defense. F.C. Turner. Mil Engr 63:229-231 Jul-Aug '71

How Holland helps to put NATO on wheels--DAF's versatility and inventiveness. H. George Franks. illus NATO's Fifteen Nations 16:92-98 Oct-Nov '71

National Bus Military Bureau helps transportation officers coordinate passenger moves. illus Translog 2:6-8 Nov '71

A new range of wheeled vehicles for the German Army. tabs illus (Also cutaway) Intl Def Rev 3:197-199 Jun '70

Drivers and Driving

Defensive driving--a strategy for staying alive. (Reprinted from Changing Times, July 1970) illus Interceptor 13:5-7 Apr '71

Insurance to stay high in Germany. Larry Phillips. AF Times 32:15 Dec 15 '71

Motor vehicle traffic supervision. TIG Brief 23:20 Jan 15 '71

Traffic safety education. TIG Brief 23:16 Jan 15 '71

Traffic safety--Orbis means "watch out." illus Govt Exec 3:21 Jan '71

Statistics

A fresh look at buses. Col Joe O. Bellino. illus Translog 2:5-6+ Jun '71

MOTOR VEHICLES - ContinuedAir Force

Vehicle management. TIG Brief 23:14 Jan 29 '71

Maintenance and Repair

Support services for vehicular equipment. SMSgt Louis E. Godby. illus AF Civil Engr 12:13+ Feb '71

Vehicle fleet management. TIG Brief 23:15 Mar 26 '71

Testing

2 electric vehicles tested at Langley (AFE, Va). AF Times 31:35 Apr 7 '71

Armed Forces

Tank-automotive news. Joseph B. Hayes. Regular feature in some issues of Ordnance

Army

Army vehicles: Good quality, but can U.S. afford quantity needed? Brooke Nihart. illus Armed Forces J 109:30-31 Oct '71

A clean start. (Army vehicle pollution problem) Michel R. Scott. illus Translog 2:9-10 Sep '71

Maintenance and Repair

Planning for performance. Maj Nelson O. Conner, Jr. illus Ordnance 55:545-547 May-Jun '71

MOUNTAIN OPERATIONS

Control of acute mountain sickness. G.W. Gray and others. illus Aerosp Med 42:81-84 Jan '71

MOVEMENT CONTROL

Here are entered articles on planning and control of movement of troops and supplies.

See also

Deployment

Containers and contingencies. Claude O. Lanciano, Jr. illus US Nav Inst Proc 97:26-32 Sep '71

Dromedary container service enhances cargo security. 1stLt Charles J. Rouse. illus Translog 2:9-10 Oct '71

(Operation) Montana Raider: Mobility in the jungle--classroom for tomorrow? Col James H. Leach and others. illus maps Armor 80:4-14 Sep-Oct '71

Waterfront strikes require traffic management changes. Translog 2: inside back cover Oct '71

Weapons transport. TIG Brief 23:4 Sep 10 '71

MOVING see Household EffectsMULBERRY, Richard, Jr

Longley, Mulberry named to Reserve Forces Policy Board. Officer 47:26 Jan '71

MUMMA, Albert G.

Mumma heads commission on American shipbuilding. Armed Forces J 108:9-10 Feb 1 '71

MUNITIONS

Advances in air-delivered munitions. Maj Ward R. Martin. illus Tac Afr Warfare Cen Qtr Rpt 2:20-27 Dec '70

Munitions loadings. TIG Brief 23:11 Aug 6 '71

The port that traffic management built. Leslie R. Bellows. illus Translog 2:16-18 May '71

MUNITIONS - Continued

Safe transportation: Our goal for hazardous materials. RADM William F. Rea III. illus Def Trans J 27: 28-31 Mar-Apr '71

Weapons transport. TIG Brief 23:4 Sep 10 '71

Wind tunnel test 'educates' bombs (at Arnold Engineering Development Center). AF Times 32:33 Dec 1 '71

MURRAY, John E.

Transportation: A key to progress in the Asian rim countries. BrigGen John E. Murray. por Translog 2:2-4+ Jun '71

MUSEUMS

Museum news. Regular feature in some issues of Aerospace Historian

Air Force--U.S.

Air Force Museum (Wright Patterson AFB, Ohio). illus Aerosp Hist 18:46 Mar '71

B-36 gets last home. illus AF Times 31:52 Feb 17 '71

The big hangar (Air Force Museum, Wright-Patterson AFB, Ohio). illus Interceptor 13:8-12 Sep '71

In the hangar where time stands still. (AF Museum restoration division) Sgt Dave Cole. illus Airman 15:22-26 Sep '71

The new Air Force Museum. BrigGen Billie J. McGarvey. illus AF Civil Engr 12:2-5 Feb '71

Something (not so funny) happened to airpower on the way to the (AF) Museum (Wright-Patterson AFB, Ohio). Col Barney Oldfield, Ret. illus NATO's Fifteen Nations 16:76-81 Aug-Sep '71

(Space) Museum (Cape Kennedy AFS, Fla) displays rockets. illus AF Times 32:40 Sep 29 '71

Army--U.S.

Drive for new Infantry Museum (Fort Benning, Ga) under way--monument to the man. illus Army 21:36-37 May '71

Modern showcase (Army Transportation Museum, Fort Eustis, Va) planned for transportation's past. illus Translog 2:7-9 Jun '71

The Ordnance Museum (at Aberdeen Proving Ground, Md). illus Ordnance 56:216 Nov-Dec '71

Past meets present at Fort Leavenworth museum. SP4 Lindsay C. Mattox. illus Army Dig 26:54-55 Apr '71

Preserving the past for the future. (Army Military History Research Collection) Col George S. Pappas. illus Army 21:30-31 Sep '71

"The queen's castle"--Fort Benning's Infantry Museum. Lt Bob Arnold. illus Army Dig 26:65-68 Jan '71

United States

History's high-flying hardware (at the Smithsonian National Air and Space Museum). MSgt Lloyd D. Brune. illus Airman 15:38-40 Jul '71

MUSEUMS - ContinuedUnited States - Cont'd

Spaceman to head (National Air and Space) Museum
(of the Smithsonian Institution). AF Times 31:33
Mar 10 '71

MUSIC, MILITARYSee also

Bands (Music)

MUSIC, MILITARY - Continued

Armor and Cavalry music. Maj Verne D. Campbell.
illus Armor pt 1, 80:25-37 Mar-Apr '71; pt 2,
80:30-41 May-Jun '71

Throw a nickel on the grass. (Collection of songs)
LtCol George L. Weiss, Ret. AF Mag 54:84-86+
Sep '71

NADGE see NATO Air Defense Ground Environment

NASA see National Aeronautics and Space Administration

NATO see North Atlantic Treaty Organization

NATO AIR DEFENSE GROUND ENVIRONMENT

The evolution of air defense in Allied Command Europe. Air Commodore J.H.Knoop. illus NATO's Fifteen Nations 16:68-72+ Apr-May '71

Letter from London: Who now rules the waves? illus map NATO's Fifteen Nations 16:12-15+ Oct-Nov '71

NADGE--the eyes and brain of NATO's air defence. John Marriott. illus tab NATO's Fifteen Nations 16:70-75 Feb-Mar '71

Organization

NADGE--the eyes and brain of NATO's air defence. John Marriott. illus tab NATO's Fifteen Nations 16:70-75 Feb-Mar '71

NAUS see National Association for Uniformed Services

NGAUS see National Guard Association

NOAA see National Oceanic and Atmospheric Administration

NORAD see North American Air Defense Command

NROTC see Reserve Officers Training Corps--Navy

NAMES

See also subdivision under specific subjects, e.g.,

Airplanes, Military--Names
Ships--Names

NAPLES

Naples revisited. illus US Nav Inst Proc 97:64-77 Oct '71

NATH, Charles J., III

Compressed speech. Capt Charles J. Nath III and Meredith W. Watts, Jr. USAF Instrs J 9:15-21 Summer '71

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION

See also subdivision under specific subjects, e.g.,

Space Programs--United States--National Aeronautics and Space Administration

Dr (MajGen) Humphreys (Ret) in new NASA post. illus Aerosp Med 42:250 Feb '71

India's domestic communications satellite. Hormuz P. Mama. illus Spaceflight 13:446-448 Dec '71

NASA and progress. Frank R. Troutman. Elect Warfare 3:18+ Summer '71

NASA funds study for new SST design. Armed Forces J 108:19-20 May 3 '71

The NASA quiet engine programme: Action against aircraft noise. James J. Kramer. tabs illus (Also cutaway) Interavia 26:1373-1375 Dec '71

1970: NASA records results. Space World H-5-89: 46-47 May '71

Opposition to U.S. STOL research funding. Interavia 26:659-660 Jun '71

A schedule for the shuttle. David Baker. illus tab Spaceflight 13:454-455 Dec '71

NATIONAL AERONAUTICS AND SPACE ADMINISTRATION - Continued

Towards East-West space co-operation. (Agreement between the USSR Academy of Sciences and NASA) illus Spaceflight 13:278-281 Aug '71

U.S.-Soviet agreement for cooperation in space exploration. (Summary of results of discussions between Academy of Sciences of the USSR and NASA, Moscow, Jan 18-21, 1971) Space World H-7-91:30-31 Jul '71

NATIONAL ASSOCIATION FOR UNIFORMED SERVICES

NAUS backs freeze but not on longevity raises. AF Times 32:33 Sep 15 '71

NAUS backs recomp. AF Times 31:2 Mar 10 '71

Pecomp hope seen by NAUS. AF Times 31:32 May 26 '71

NATIONAL BUREAU OF STANDARDS

Serious compatibility problems in computer networking challenge NBS, industry. Samuel Stafford. illus Govt Exec 3:64-66 Jul '71

NATIONAL BUSINESS AIRCRAFT ASSOCIATION

At NBAA--waiting for the upturn. J. Philip Geddes. illus Interavia 26:1320-1322 Nov '71

NATIONAL CHARACTERISTICS

Factors in military decision-making: Communication and cross-cultural analysis. LtCol Russell A. Turner II and Hamid Mowlana. illus AU Rev 22: 24-33 Mar-Apr '71

National cultural characteristics and national power. Clyde B. Sargent. illus Nav War Col Rev 23:17-23 Jan '71

NATIONAL CHARACTERISTICS, ASIAN

The control of ethnic minorities in remote South Asia areas. Col Victor J. Croizat. illus maps tab MarCor Gaz 55:18-27 Feb '71

NATIONAL CHARACTERISTICS, CHINESE

Chinese national culture. (Lecture, Naval War College, 1971?) Clyde B. Sargent. illus Nav War Col Rev 23:41-51 May '71

NATIONAL DEFENSE see Defenses

NATIONAL DEFENSE TRANSPORTATION ASSOCIATION

(MajGen) Edmund C. R. Lasher (Ret). illus Def Trans J 27:22+ Sep-Oct '71

Military Unit Awards (to Vietnam based Armed Forces units). Def Trans J 27:126-128 Sep-Oct '71

(NDTA's) 26th Annual Transportation and Logistics Forum and Exposition (Minneapolis-St Paul, Oct 5-6, 1971). illus Def Trans J 27:71+ Sep-Oct '71

1971--26th Annual Forum (photo highlights, Minneapolis-St Paul, Oct 3-6, 1971). Def Trans J 27: 50-59 Nov-Dec '71

Partners in protecting people. John E. Davis. illus Def Trans J 27:38-41 Sep-Oct '71

William M. Allen--a salute! (Chairman of the Board, Boeing Co, receives 1971 National Transportation Award) illus Def Trans J 27:24-31 Jul-Aug '71

William M. Allen (Chmn of the Board, Boeing Co) selected for NDTA's National Defense Transportation Award. illus Def Trans J 27:66+ May-Jun '71

NATIONAL GOALS see National PolicyNATIONAL GUARDAir Force

ANG base contracts draw (National Guard) Bureau's fire. AF Times 32:58 Dec 1 '71

ANG mounts two-phase recruiting drive. AF Times 32:5 Sep 22 '71

ANG planning to recruit among active-duty men. Paul Collins. AF Times 32:1+ Nov 24 '71

ANG told to justify decorations. AF Times 31:6 Jun 23 '71

ANG wing gets C-130 simulator. AF Times 31:29 Mar 31 '71

ANG's new cameras on wings, the RF-4C. illus Air Reservist 23:10-11 May-Jun '71

Air Guard begins trial run of Operation "Creek Guardlift." Natl Guardsman 25:15 Apr '71

Air Guard units deploy to Alaska for building job. AF Times 32:40 Sep 1 '71

Air Guardsmen support Alaskan Operation (Punch Card 14). Natl Guardsman 25:29-30 Jun '71

The Air National Guard. illus AF Mag 54:126-129 May '71

Air National Guard air operations. TIG Brief 23:4 Nov 19 '71

The Air National Guard at the (NGAUS) 93d General Conference (Honolulu, Hawaii, Sep 20-23, 1971). illus Natl Guardsman 25:13-16 Nov '71

Black participation in Guard increases. AF Times 31:3 Mar 17 '71

Blazing the gold bar trail. (New ANG Officers' Preparatory Academy, McGhee Tyson Airport, Knoxville, Tenn) Capt Gary A. Guimond. illus Airman 15:34-36 Sep '71

CCT (Combat Crew Training) in the ANG. Capts Barron D. Gray, Jr and Gary R. Walston. illus USAF Instrs J 9:69-72 Fall '71

The civilian supplement. MSgt Loren B. Leonberger. illus Airman 15:13-16 Apr '71

"Clay pigeons" for the Army (NM ANG). illus Natl Guardsman 25:17 Jul '71

Daggers. Col Wayne C. Gatlin. illus Interceptor 13:10-12 Jan '71

(Exercise) Guard Thunder (tactical system training program). illus Air Reservist 23:8-9 Nov '71

'The future looks bright.' MajGen Winston P. Wilson. illus Air Reservist 23:4-5 Apr '71

A generation of progress! New F-4 & C-5 missions for the Guard and Reserve. Col Frank Martineau. illus Air Reservist 23:8-9 May-Jun '71

Guard switching airlift support--going tactical. AF Times 32:38 Dec 29 '71

A hard look at U.S. Air Reserve Forces. (Report on Air Reserve Forces Seminar, AFA Convention, Washington, Sep 22, 1971) Patricia R. Muncy. illus AF Mag 54:76-82 Nov '71

Impact of the Total Force Concept (TFC) on Air Reserve Forces. TIG Brief 23:2 Sep 24 '71

A look at airlift in the mid-'70s: Services will face problems. George Weiss. illus tabs Armed Forces J 108:28-31 Apr 5 '71

NATIONAL GUARD - ContinuedAir Force - Cont'd

Mister National Guard (MajGen Winston P. Wilson) retires. illus Air Reservist 23:3 Aug-Sep '71

New aircraft, missions mark ANG's latest conversions. Natl Guardsman 25:22-23 May '71

Oklahoma ANG begins communications mission. AF Times 31:44 May 19 '71

(Operation) Bold Venture. Capt Peter Augustus III. illus Air Reservist 23:10-11 Mar '71

The outlook brightens. Natl Guardsman 25:12 Apr '71

Outstanding! USAF's Outstanding Unit Award (to Air Guard units). illus Air Reservist 23:4-5 May-Jun '71

Pinpoint delivery. illus Natl Guardsman 25:30 Mar '71

Reserve call-up welcome. AF Times 31:2 Jan 27 '71

Reserve Forces termed greatest security bargain. AF Times 32:18 Dec 1 '71

Reserve pilot training increases. AF Times 31:10 Jan 27 '71

The 'secret' ANG (Noncommissioned Officers) Academy (McGee-Tyson AB, Tenn). Ed Gates. AF Times 32:13 Sep 15 '71

17 more unit conversions announced as Air Guard modernization continues. illus Natl Guardsman 25:11-12 Apr '71

"Short tours" open for Air Guard communicators. Natl Guardsman 25:14 Jun '71

'Special times & special problems.' Gen Jack J. Catton. illus Air Reservist 23:8-9 Apr '71

A spot of sunshine (at Buckley Air National Guard Base, Colo). illus Natl Guardsman 25:15 Jun '71

Strategy report--what is the role of the ANG/USAFR in the national strategy of 1970? Col Edward W. Rosenbaum. Air Reservist 23:12 Feb '71

Summer 1971 happenings. illus Air Reservist 23:6-11 Oct '71

Two Boston nuns recall basic--Air Guard enlistees. illus AF Times 32:30-31 Dec 22 '71

Voodooos. Maj Tom H. Lundquist. illus Interceptor 13:7-9 Jan '71

What can one man (MSgt Joseph J. Pfister) do? illus Natl Guardsman 25:24-25 Apr '71

Where deuces are high (Hawaii Air National Guard). Ted R. Sturm. illus Airman 15:44-47 Nov '71

Equipment

ANG to get first F-4Cs. AF Times 32:19 Dec 22 '71

Reserves to get better aircraft. tab AF Times 31:46 Mar 10 '71

Organization

Air Guard units begin upgrading. AF Times 31:15 Feb 3 '71

New aircraft, missions mark ANG's latest conversions. Natl Guardsman 25:22-23 May '71

Armed Forces

And of course...people. Roger T. Kelley. illus Armed Forces Compt 16:17-20+ Spring '71

NATIONAL GUARD - ContinuedArmed Forces - Cont'd

- Dr Marrs cites advances in total force plan--Reserves must prove ability to meet new role. Interview. Theodore C. Marrs. illus Officer 47: 20-21+ Nov '71
- Dr Marrs stresses free communication between Defense and Reserves--actions back up Laird's statement on policy for Reserves and Guard. (Key-note speech, National Council, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971) illus Officer 47:8-10 Apr '71
- Draft extension "essential," say AGs (at Annual Conference, Adjutants General Assoc, Santa Fe, NM, May 1971). illus Natl Guardsman 25:24-28 Jul '71
- The Guard and the Reserve. William V. Kennedy. Ordnance 55:331-334 Jan-Feb '71
- Guard, Reserve resurgence seen in new concept, policies, FY 72 budget. Brooke Nihart. Armed Forces J 108:29-31 Mar 1 '71
- Guard technicians lose bid for four-day week. AF Times 32:20 Nov 24 '71
- In the public's service--a "roundup" of Guardsmen chosen by voters in the November '70 general elections. illus Natl Guardsman 25:22-25 Jan '71
- An investment in tomorrow. (Guardsmen support youth activities) illus Natl Guardsman 25:22-25 Dec '71
- Minorities urged for Guard--'draft dodgers dominate units.' AF Times 32:21 Oct 6 '71
- (NGA president's comments) MajGen James F. Cantwell. Regular feature in issues of National Guardsman
- NGAUS urges Defense to act now on Guard manpower legislation. Natl Guardsman 25:13-14 Apr '71
- The National Guard--today, tomorrow. (Posture Statement, presented to HASC by representatives of NGAUS) illus tabs Natl Guardsman 25:2-15+ May '71
- A new day for the Guard and Reserves? Maj George Fielding Eliot, Ret. illus Natl Guardsman 25:2-6 Jan '71
- Ruling against solons in Reserve exempts Guardsmen. Natl Guardsman 25:10-11 Jun '71
- Special Forces troopers test skills. Capt Reece Stein. illus Natl Guardsman 25:36-37+ Nov '71
- (Washington) DCNG, police foil militants. illus Natl Guardsman 25:22-23+ Jun '71
- The zero draft and the National Guard--a situation report. illus Natl Guardsman 25:2-12 Mar '71

History

- Out of the ashes of victory. Col Bruce Jacobs. illus Natl Guardsman 25:2-13 Aug-Sep '71

Army

- The ARNG aviation story. LtCol Charles R. Jones. illus USA Avn Dig 17:29-31 Jul '71
- Active Army and Guard units again pair-up as "Roundout" takes a long stride. Natl Guardsman 25:40 Nov '71
- Active Army, Guard and Reserve make Roundout a success. LtCol William V. Kennedy. illus Armor 80:18-24 Nov-Dec '71

NATIONAL GUARD - ContinuedArmy - Cont'd

- The Army National Guard at the (NGAUS) 93d General Conference (Honolulu, Hawaii, Sep 20-23, 1971). illus Natl Guardsman 25:10-12 Nov '71
- Challenge to Guard and Reserve, from back-up to force in being. Col Robert B. Rigg, Ret. illus Army 21:36-41 Apr '71
- Cozy in their caves. illus Natl Guardsman 25:26 Jun '71
- Deployed to West Germany, Arizona Guard MPs say: "We know what we've got to do." SP4 Paul Schatt. Natl Guardsman 25:38-39+ Nov '71
- Eskimo Scouts teach Arctic skills to "regulars." illus Natl Guardsman 25:32-33 Mar '71
- First plateau. 2dI + Ronald M. Graham. illus USA Avn Dig 17:12-13 Jul '71
- Georgia National Guard. illus USA Avn Dig 17:10-13 May '71
- Green Beret Guardsmen "get around." illus Natl Guardsman 25:14-15 Jan '71
- Guard answers 'quake, tornado and riot calls. Natl Guardsman 25:34 Mar '71
- The Guard at Kent University. MajGen Jim Dan Hill, Ret. illus Natl Guardsman 25:8-12 Feb '71
- Guardsmen, West Germans, swap places. Capt Donald K. Buckman. illus Natl Guardsman 25:18-19+ Dec '71
- Hand in hand. illus Natl Guardsman 25:28 Mar '71
- Maine gunners train in Canada. illus Natl Guardsman 25:10-11 Oct '71
- (MajGen LaVern E.) Weber new Army Guard director. illus Natl Guardsman 25:30 Nov '71
- Mutual support. Maj Charles Robertson. illus Soldiers 26:5-6 Dec '71
- NG choppers support World Cup Ski Competitions. Maj Albert J. White, Jr. illus USA Avn Dig 17: 34-35 Jul '71
- National Guard in civil disturbances. Maj Hans Duerr. illus Infantry 61:50-53 Sep-Oct '71
- New priorities for Guard, Reserve. LtGen William R. Peers. illus Army 21:71-77 Oct '71
- The one Army team. LtGen W. R. Peers. illus USA Avn Dig 17:1-3 Jul '71
- Our backbone of defense--Reserve component aviation. Maj Gerald E. Lethcoe, Jr. illus USA Avn Dig 17:10-11 Jul '71
- Paratroopers pair-up with 82d Airborne--Texans literally leap into training. illus Natl Guardsman 25:6-7 Oct '71
- Reserve Components service. LtCol Charles W. Lawrence. illus Infantry 61:10-13 Nov-Dec '71
- STRATCOM goes to Germany--unique unit melds with Active comrades. illus Natl Guardsman 25:8-9 Oct '71
- Six-day drill in land of six-month night. illus Natl Guardsman 25:17-19 Jan '71

NATIONAL GUARD - ContinuedArmy - Cont'd

Special Forces handle multiple missions--guerrilla warfare, civic action, Army Training Tests. SP4 Earle Holland. illus Natl Guardsman 25:16-17+ Dec '71

Teach duties--then demand performance. 1stLt Robert R. Turner. Natl Guardsman 25:28 Apr '71

There's really only 'one Army'--"AT" in West Germany convinces New Mexicans. 2dLt Donald R. Nichols. illus Natl Guardsman 25:4-5 Oct '71

These troubled times. Regular feature in some issues of National Guardsman

Westmoreland jogs Guard, USAR advisors to aid readiness. Natl Guardsman 25:11-12 Jun '71

Why do I stay in the Guard? Maj John E. Lewis. Natl Guardsman 25:25+ Feb '71

Women score new breakthrough: Army Guard enlists first WACs. illus Natl Guardsman 25:32 Nov '71

Directories

National Guard units. Army 21:104 Oct '71

History

A coming of age--aviation in the Army National Guard. 1stLt Luther L. Walker. illus Natl Guardsman 25:2-11 Jul '71

Organization

Divisions or brigades for the Army National Guard. BrigGen Keith E. McWilliams. illus Mil Rev 51: 35-42 Jan '71

"EOHs" (Emergency Operations Headquarters) become "RAOCs" (Rear Area Operations Centers), switch from TDA (Tables of Distribution-Augmentation) to TOE (Tables of Organization and Equipment). Natl Guardsman 25:16 Apr '71

Reorganization & recruiting--topics A and B at NGB conferences. Natl Guardsman 25:27-29 May '71

Statistics

The ARNG aviation story. LtCol Charles R. Jones. illus USA Avn Dig 17:29-31 Jul '71

The National Guard's no. 1 problem. (Manpower) illus Natl Guardsman 25:26-28 Dec '71

NATIONAL GUARD ASSOCIATION

The awards. (NGAUS 93d General Conference, Honolulu, Hawaii, Sep 20-23, 1971) illus Natl Guardsman 25:4-7 Nov '71

Draft law "must be extended," NGAUS tells Senate (Armed Services) Committee. Natl Guardsman 25:22-23 Mar '71

"High brass" to address (NGAUS 93d General) Conference (Honolulu, Hawaii, Sep 20-23, 1971). Natl Guardsman 25:33 Jul '71

The Honolulu (93d General) Conference (of NGAUS, Sep 20-23, 1971) illus Natl Guardsman 25:2+ Nov '71

Justice sought for Guard's technicians. Natl Guardsman 25:28 Nov '71

Minorities urged for Guard--'draft dodgers dominate units.' AF Times 32:21 Oct 6 '71

NATIONAL GUARD ASSOCIATION - Continued

NGAUS/AFA conclaves. (Summary of the NGAUS 93d General Conference, Honolulu, Hawaii, Sep 20-23, 1971 and AFA's Silver Anniversary Convention, Washington, Sep 19-22, 1971) illus Air Reservist 23:6-7 Nov '71

NGAUS urges broader retirement benefits. Natl Guardsman 25:8-9 Jun '71

NGAUS urges Defense to act now on Guard manpower legislation. Natl Guardsman 25:13-14 Apr '71

National Guard Association "Legislative Task Force" swings into action. illus Natl Guardsman 25:22-23 Apr '71

The National Guard--today, tomorrow. (Posture Statement, presented to HASC by representatives of NGAUS) illus tabs Natl Guardsman 25:2-15+ May '71

The speakers. (Summary of the NGAUS 93d General Conference, Honolulu, Hawaii, Sep 20-23, 1971) illus Natl Guardsman 25:17-22+ Nov '71

A status report: A follow-up on the resolutions of the NGAUS' 1970 General Conference. Natl Guardsman 25:22-26+ Oct '71

Weber, Goodrich, on NGAUS Council. illus Natl Guardsman 25:25 Mar '71

NATIONAL GUARD BUREAU

ANG base contracts draw (National Guard) Bureau's fire. AF Times 32:58 Dec 1 '71

Guard Bureau clarifies Air Guard's "Try One" program. Natl Guardsman 25:26 May '71

Guard launches drive to double black strength. tab Natl Guardsman 25:9-10 Dec '71

Mister National Guard (MajGen Winston P. Wilson) retires. illus Air Reservist 23:3 Aug-Sep '71

(National Guard) Bureau clarifies personnel reg for officers in Army Guard. Natl Guardsman 25:11 Jun '71

Reorganization & recruiting--topics A and B at NGB conferences. Natl Guardsman 25:27-29 May '71

VIPs honor Guard Chief (MajGen Winston P. Wilson). illus AF Times 32:43 Sep 15 '71

NATIONAL LIBERATION FRONT OF SOUTH VIETNAM
see Viet CongNATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

(First weather satellite for the newly formed National Oceanic and Atmospheric Administration) Signal 25:95 Jan '71

NOAA--infant government agency confronts the environmental crisis. (Interview with Robert M. White) Leon Shloss. illus Govt Exec 3:52+ Jun '71

The National Ocean Survey. illus Mil Engr 63:401-402 Nov-Dec '71

National Data Buoy Project nears system testing phase. (Interview with Capt Virgil W. Rinehart) Samuel Stafford. illus Govt Exec 3:47+ Aug '71

Oceanography for the Navy and the nation. RADM W. W. Behrens, Jr. illus Signal 26:26-29 Oct '71

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION - Continued

Under NOAA's umbrella--can we control the weather? (Interview with Robert M. White) Larry Booda, illus Sea Power 14:24-29 Sep '71

NATIONAL POLICY

War: Limitations and national priorities. (Lecture, Naval War College, 1970) CDR James A. Barber, Jr. illus Nav War Col Rev 23:4-16 Jan '71

Australia

Australia's defense policies and the Asian point of view. LtCol E.H. Dar. illus tab US Nav Inst Proc 97:56-59 Dec '71

Belgium

The role of Belgium in NATO. Col G. B. Howard. illus Mil Rev 51:17-22 Jul '71

Canada

The United States as a national security threat to Canada. Roger F. Swanson. (Condensed from Behind the Headlines, July 1970) illus Mil Rev 51:69-76 Jan '71

France

French defense policy. Michel Debre. (Condensed from Survival, Nov 1970) illus Mil Rev 51:45-55 Mar '71

Germany (Democratic Republic)

East German security. WgComdr Maharaj K. Chopra, Ret. illus Mil Rev 51:12-20 Oct '71

Great Britain

British defense policies. Maj E. Malcolm Perry-Davies. illus Mil Rev 51:10-16 Nov '71

East of Suez: Peril for the West. (Interview with Lord Carrington, Britain's Minister of Defense) Max B. Boyd. illus Govt Exec 3:43-45 Jan '71

Japan

Japan and Southeast Asia. Niu Sien-Chong. illus map Mil Rev 51:63-71 Oct '71

Japan's role: A view from the mainland. William Saywell. (Condensed from International Journal, Summer 1971) illus map Mil Rev 51:56-66 Nov '71

Relationship between Japan and the United States-- impact on the Asian-Pacific Region. Nobuhiko Ushiba. illus AU Rev 22:2-16 Sep-Oct '71

Russia

One of the most important tasks (is to strengthen the Armed Forces). Col V. Zubarev. illus Soviet Mil Rev No. 7:10-14 Jul '71

Overview of Soviet strategy. (Address, Navy League Seminar on Soviet Seapower, New York, 1971?) Frank R. Barnett. illus Nav War Col Rev 23:16-21 Jun '71

Soviet aims and capabilities in Europe. Malcolm Mackintosh. illus Royal United Svc Instn J 116: 22-30 Mar '71

Soviet strategy for the seventies. LtCol Donald L. Clark. illus AU Rev 22:2-18 Jan-Feb '71

United States

Beyond Vietnam. (Address, American Newspaper Publishers Assoc Luncheon, New York, April 21, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 6:12-17 Jun '71

NATIONAL POLICY - Continued

United States - Cont'd

The challenge of the introspective seventies: Array of national options calls for extreme flexibility. BrigGen Lynn D. Smith, Ret. illus Army 21:18-21 May '71

The changing DOD communications-electronics environment. LtGen Richard P. Klocko and MajGen Anthony T. Shtogren. illus Signal 25:60-61+ Jun '71

The defense budget and our national security (Address, Huntsville-Madison County Chamber of Commerce, Huntsville, Ala., Dec 1970) ADM T.H. Moorer. tab Signal 25:20-24 Apr '71

Dr Marrs stresses free communication between Defense and Reserves--actions back up Laird's statement on policy for Reserves and Guard. (Key-note speech, National Council, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971) illus Officer 47:8-10 Apr '71

The first priority: Survival. Interview. George H. Mahon. illus Govt Exec 3:37-39 Jan '71

Military industrial complex. Thomas I. Dickson, Jr. illus Mil Rev 51:25-35 Dec '71

National problems rated by (29,000) EM, (12,000) officers. George Foster. tabs AF Times 32:1+ Oct 27 '71

The national security policymaking process. Roger Hilsman. Persp in Def Mgt, pp 19-32, May '71

New concept of security. Gen Maxwell D. Taylor. Ordnance 56:30-31 Jul-Aug '71

A new national policy for materials. Franklin Pierce Huddle. Mil Engr 63:157-158 May-Jun '71

Nixon doctrine and the blue water strategy. Editorial. Navy pt 1, 14:8 Jan '71; pt 2, 14:6 Feb '71

The Nixon doctrine and the Navy. CDR James A. Barber, Jr. illus Nav War Col Rev 23:5-15 Jun '71

On the new Office of Telecommunications Policy: Where communicators communicate. Clay Whitehead. Signal 25:20-22 Feb '71

Our nation's dual goals: Security and progress. (Remarks, Air Force Awards Banquet, Fort Worth, Tex, June 26, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 9:2-6 Sep '71

The purpose of America's power. (Address, Graduation Exercises, Naval Officer Candidate School, Newport, RI, March 12, 1971) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 6:8-11 Jun '71

Sen Thurmond (accepts Minute Man Award at ROA Banquet, Feb 19, 1970): "Great problems in the years ahead." Officer 47:7+ Apr '71

"This year--our own strategies." Interview. Melvin R. Laird. illus Govt Exec 3:35+ Apr '71

U.S. goals, priorities, and means. (Remarks, Air War College, Maxwell AFB, Ala., Aug 25, 1970) BrigGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 3:14-22 Mar '71

U.S. policies unchanged in bombing resumption. LtGen Ira C. Eaker, Ret. AF Times 32:13 Nov 3 '71

Vital interests and volunteer forces. LT Leon Preston Brooks. illus US Nav Inst Proc 97:18-23 Jan '71

NATIONAL POWER

National cultural characteristics and national power. Clyde B. Sargent. illus Nav War Col Rev 23:17-23 Jan '71

Power, strategy, and will. Col Ralph L. Giddings, Jr, Ret. AU Rev 22:19-26 Jan-Feb '71

Power: The crucible of conflict in the Sino-Soviet dispute. Maj Harry G. Summers, Jr. illus maps Mil Rev 51:56-66 Mar '71

What is Mr Laird up to? LtGen Ira C. Eaker, Ret. AF Times 32:13 Nov 10 '71

NATIONAL RANGE DIVISIONSee also

Air Force Western Test Range

NATIONAL SECURITY see Security, National

NATIONAL SECURITY COUNCILHistory

George Washington's National Security Council. Stanley L. Falk. illus Mil Rev 51:23-27 Jul '71

NATIONAL SECURITY INDUSTRIAL ASSOCIATION

Industry--future for defense R&D. Govt Exec 3:25 Jul '71

Rivers cited for posthumous honor (James Forrestal Memorial Award). AF Times 31:43 Feb 10 '71

NATIONALISM

The concept of nationalism. (Sir Robert Brooke-Popham Prize Essay, 1971) SqLdr I. Semple. illus Hawk No. 32:23-29 Feb '71

NATURAL RESOURCESAlgeria

Algeria embarks on a 3-year treasure hunt. Charles D. LaFond. illus Govt Exec 3:20-21 May '71

United States

The green and the growing. AlC Dave Cole. illus Airman 15:13-15 Jan '71

Poisons, pollutants & people. William A. Kinney. illus Airman 15:9-12 Jan '71

NAVAL ACADEMY, ANNAPOLIS, MD

Midshipmen's foreign exchange cruises. ENS H. L. B. Wilder. illus US Nav Inst Proc 97:50-57 Oct '71

Naval Academy steers to the future. Ellen Ratrie. illus Army Dig 26:13-19 Mar '71

History

Naval Aviation. Thomas Ray. illus US Nav Inst Proc pt 1, The beginning. 97:32-42 Jan '71; pt 2, The first three (naval aircraft and naval aviators). 97:34-43 Jul '71; pt 3, Annapolis: The Navy's first aerodrome. 97:34-41 Oct '71

NAVAL ART AND SCIENCE see Military Art and Science

NAVAL AVIATIONFrance

French Naval Exhibition at Le Bourget (Airport, Paris, Sep 15-19, 1970). illus (Also cutaways) Intl Def Rev 3:415-422 Dec '70

Great Britain

The Air Force goes to sea. John W. R. Taylor. illus Royal Air Forces Qtr 11:89-95 Summer '71

NAVAL AVIATION - ContinuedGreat Britain - Cont'd

The carrier controversy in Britain. illus tab Intl Def Rev 3:208-210 Jun '70

De Havilland Sea Vixen. Elfan ap Rees. illus tabs Air Pict 33:48-54 Feb '71

Joint maritime operations and training in the 1970s. VAdm Ian McGeoch. illus Royal United Svc Instn J 115:11-18 Dec '70

History

The development of U.S. Naval Aviation and the British Fleet Air Arm and Coastal Command between the Wars. Arthur Hezlet. illus Aerosp Hist 18:116-122 Sep '71

Fleet Air Arm fighter operations in WW II. Christopher F. Shores and J. D. Brown. illus Air Pict 33:120-126 Apr '71

A naval occasion (Royal Review of the Fleet, 1953). illus map Air Pict 32:134-135 Apr '70

Japan

Japan's naval air strength. LtGen Masataka Okumiyama, Ret. illus US Nav Inst Proc 97:106-108 Dec '71

RussiaHistory

Early Russian shipboard aviation. R. D. Layman and Boris V. Drashpil. illus US Nav Inst Proc 97:56-63 Apr '71

United States

ACM training accidents. tab illus Approach 16:28-32 Jan '71

Application of college and flight background questionnaires as supplementary noncognitive measures for use in the selection of student naval aviators. Ronald M. Bale and Rosalie K. Ambler. tabs Aerosp Med 42:1178-1181 Nov '71

Carrier air wing--U.S. Sixth Fleet. illus tab Intl Def Rev 3:400-403 Dec '70

Closures of Navy Reserve stations and facilities hinder compensation for cuts in active forces. Officer 47:22-23+ Jun '71

From cockpit to conn. CAPT Robert F. Hunt. illus US Nav Inst Proc 97:48-55 Apr '71

Identification letters--U.S. Navy & Marine Corps air units. Duane A. Kasulka. illus tabs Am Avn Hist Soc J 16:294-302+ Winter '71

Maintenance management--a key to reduction in aircraft accidents. illus Approach 16:26-30 Apr '71

Naval Aviation safety. illus Approach 17:2-5 Sep '71

'New Navy' stresses smaller, faster hard hitting warships, new-type aircraft. Editorial. John G. Norris. illus Navy 14:6-7 Mar '71

Professionals in action. illus Approach 17:1-4 Nov '71

Survival of the fittest in Naval Aviation. LCDR John E. Burgess. illus US Nav Inst Proc 97:42-49 Oct '71

Two-two-twelve-three, the brand-new ball game. (Two attack carrier wgs, two carrier ASW gps, 12 patrol sqs, and three transport sqs) CAPT Sigmund Bajak. illus US Nav Inst Proc 97:53-56 Jan '71

Weekend warriors (Naval Air Reserve) make a comeback. RADM Malcolm W. Cagle. illus Navy 14:22-26 Feb '71

NAVAL AVIATION - ContinuedUnited States - Cont'd

You can tell a fighter pilot, but... (Approach, Mech, and other publications of Naval Safety Center) illus Approach 16:26-33 Feb '71

Equipment

AV-8A, Harrier. illus Approach 17:18-23 Jul '71

Corsairs in Reserve. Jim Sullivan. illus Am Avn Hist Soc J 16:164-169 Fall '71

History

The development of U.S. Naval Aviation and the British Fleet Air Arm and Coastal Command between the Wars. Arthur Hezlet. illus Aerosp Hist 18:116-122 Sep '71

Naval Aviation. Thomas Ray. illus US Nav Inst Proc pt 1, The beginning. 97:32-42 Jan '71; pt 2, The first three (naval aircraft and naval aviators). 97:34-43 Jul '71; pt 3, Annapolis: The Navy's first aerodrome. 97:34-41 Oct '71

Naval Reserve Aviation Base. Long Beach (Calif), 1929-1942. Allen E. Morgan. illus Am Avn Hist Soc J pt 1, The early years. 16:280-285 Winter '71

NAVAL BASESIndian Ocean

From Simonstown to Singapore. Lawrence Griswold. map US Nav Inst Proc 97:52-57 Nov '71

United States

American ship yards--can we cure a fatal illness? Joseph Volz. illus map Sea Power 14:10-15 Sep '71

NAVAL BASES, AMERICANDiego Garcia

U.S. flag over Diego Garcia: Challenging the Soviet fleet. Col Robert D. Heintz, Jr. Armed Forces J 108:13 Feb 1 '71

Indian Ocean

At last, a base in the Indian Ocean. L. Edgar Prina. illus map Navy 14:26-27 Jan '71

Building of Indian Ocean base is well underway by U.S. Navy. L. Edgar Prina. US Nav Inst Proc 97:109-111 Nov '71

Indian Ocean attracts interest, U.S. starts base. Brooke Nihart. Armed Forces J 108:18 Apr 5 '71

Puerto Rico

Additional Culebra hearings promised. Armed Forces J 108:10 Aug '71

Culebrans win; Navy to be out by 1975. Armed Forces J 108:12 Apr 19 '71

Navy signs agreement with Culebrans to limit firing. map Armed Forces J 108:14 Jan 18 '71

NAVAL BASES, BRITISHIndian Ocean

At last, a base in the Indian Ocean. L. Edgar Prina. illus map Navy 14:26-27 Jan '71

NAVAL BASES, RUSSIANMiddle East

The bear in the burnoose--a first hand report on Russia's Arab bases. Lawrence Griswold. illus map Sea Power 14:16-23 Sep '71

NAVAL FACILITIES ENGINEERING COMMAND

The Naval Facilities Engineering Command. illus Mil Engr 63:251-252 Jul-Aug '71

NAVAL LIFE see Military LifeNAVAL MATERIAL COMMANDSee also

Naval Facilities Engineering Command
Naval Supply Systems Command

At NARDIC (Navy Research and Development Information Center)--Navy has planning documents for industry. Lillian L. Morris. chart Def Ind Bul 7: 30-32 Fall '71

How to modernize the U.S. fleet despite inflation and 'cost growths'--Chief of Naval Material outlines a 10-point program. George Chapman. illus Navy 14:7-12 Feb '71

New chief of NMC slated--ADM Kidd (and other re-assignments and retirements announced). L. Edgar Prina. illus Navy 14:30 May '71

NAVAL POSTGRADUATE SCHOOL

Back to class--Navy stresses real world (in procurement management program at Naval Postgraduate School). illus Govt Exec 3:30 Nov '71

NAVAL STATIONS see Naval BasesNAVAL SUPPLY SYSTEMS COMMAND

Navy supply--sea service's corporate management. Christian Rice. illus Review 50:21+ Mar-Apr '71

NAVAL TRAINING CENTERS

Round pegs for round holes. Col Donald L. May. illus MarCor Gaz 55:43-46 May '71

NAVAL TRAINING COMMAND

Naval Training Command established. Armed Forces J 108:13-14 Aug '71

Naval training czar (Naval Training Command, Pensacola, Fla). L. Edgar Prina. illus Navy 14:35-36 Jul-Aug '71

(Naval) training management problem. illus chart Govt Exec 3:14 Dec '71

Navy will consolidate training. Armed Forces J 108:14 Apr 19 '71

NAVAL WAR COLLEGE

Sailors as scholars. Frederick H. Hartmann. illus US Nav Inst Proc 97:40-46 Sep '71

Spruance returns to Naval War College--his precepts applied to Nixon doctrine and blue water strategy. CDR J. F. McNulty. illus Navy 14:27-30 Feb '71

History

ADM Raymond A. Spruance and the Naval War College. LCDR Rhomas B. Buell. illus Nav War Col Rev pt 1, Preparing for World War II. 23:30-51 Mar '71; pt 2, From student to warrior. 23:29-53 Apr '71

NAVAL WAR COLLEGE - ContinuedHistory - Cont'd

Stephen B. Luce and the beginnings of the U.S. Naval War College. RADM John D. Hayes, Ret. illus Nav War Col Rev 23:51-59 Jan '71

NAVAL WARFARE

Joint maritime operations and training in the 1970s. VAdm Ian McGeoch. illus Royal United Svc Instn J 115:11-18 Dec '70

Low level warfare: What role for the Navy? Howard C. Reese. illus MarCor Gaz 55:27-30 Aug '71

Ocean surveillance--new weapon of naval warfare. CAPT Frank B. Murphy, Ret. illus US Nav Inst Proc 97:38-41 Feb '71

Technology and strategy: A study in the professional thought of the U.S. Navy, 1900-1916. (Research paper, Naval War College, 1971) Lt John B. Hattendorf. illus Nav War Col Rev 24:25-48 Nov '71

NAVAL YARDS see Naval BasesNAVIGATION

See also specific types of navigation, e. g.,

Radar Navigation
Radio Navigation
Space Navigation

The geodetic navigator. Maj Eugene R. Nelson. illus Navigator 18, No. 2:14-17 '71

Piloting techniques. CDR Lyle E. Pellock. illus tab map US Nav Inst Proc 97:99-100 Feb '71

Time plot. LtCol Layton C. Tuggle. illus Navigator 18, No. 3:7-9 '71

NAVIGATION, AIR

Area navigation. TIG Brief 23:12 May 7 '71

Automatic air traffic control displays. T. H. Harrison. illus map Interavia 26:934-936 Aug '71

Big instrument. Maj R. R. Brown. illus Combat Crew 22:19 Jun '71

Big instrument--area navigation (RNAV). Maj R. R. Brown. Combat Crew 22:14 Aug '71

Eurocontrol after ten years. René Bullin. chart tab Interavia 26:132-134 Feb '71

How to handle large turns. 1stLt Richard H. Hobbie. illus tabs Navigator 18, No. 3:25-27 '71

Newnav--the 1971 IFALPA symposium (Frankfurt, Oct 5-7, 1971). T. M. B. Wright. Interavia 26:1421-1422 Dec '71

No man's land rendezvous. (Bomber/tank coordination) Capt Vasken W. Moonjian. illus Navigator 18, No. 3:5-6 '71

Why fly a crooked path? Area navigation. Maj Max L. Odle. map illus Aerosp Safety 27:2-4 Jul '71

NAVIGATION, CELESTIAL

Space suit navigator. Maj Curtis D. Dale and Capt Curtis E. Kelly. illus Navigator 18, No. 2:26-28 '71

NAVIGATION, INERTIAL

Army Inertial Guidance Management and Technology Center: Focal point of inertial research and development. John L. McDaniel. illus tab Def Ind Bul 7:12-14 Winter '71

RF-4C (LN-12) inertial navigation (system). Capt C. R. Brandt. Navigator 18, No. 3:20 '71

NAVIGATION, INERTIAL - Continued

Understanding the A-7D inertial measurements system. Maj John C. Morrissey. illus tabs USAF Ftr Wpns Rev No. 3:1-6 Fall '71

NAVIGATION, INTERPLANETARY see Space NavigationNAVIGATION INSTRUMENTS

See also specific types of instruments, e. g.,
Compasses

Big instrument. Maj R. R. Brown. illus Combat Crew 22:19 Jun '71

Don't get caught short or long. (Timing on a bomb run) Maj Charles S. Wittmaack. illus Navigator 18, No. 3:12-15 '71

NAVIGATION SYSTEMS

See also

Loran
Omega
Tacan

C-5 navigational systems. Maj John R. Livingstone. illus map MAC Flyer 18:19-23 Apr '71

C-SCAN: Pilot's window to the deck. Harold Hectman. illus Signal 26:32-34+ Dec '71

Land navigation: Where are you going? Maj J. Markham, Ret. tab illus Armor 80:40-43 Jan-Feb '71

Navigational requirements for tactical weapon systems. Col Edward H. Curtis. illus AU Rev 22:16-22 May-Jun '71

Time and frequency standardization. (Address, AFCEA, Washington, June 8, 1971) RADM Raymond J. Schneider. illus maps Signal 25:42-45 Aug '71

NAVIGATORS

Aerospace Rescue and Recovery Service. Maj James E. Good. Navigator 18, No. 2:21-23 '71

Around the world with SAM (Special Airlift Mission, which transports the President and other distinguished personages). Majs Jessie C. Baldock and Bernard E. Wilson. illus Navigator 18, No. 2:11-13 '71

The geodetic navigator. Maj Eugene R. Nelson. illus Navigator 18, No. 2:14-17 '71

Instructor recognition. (ATC selects year's outstanding pilot, navigator instructors: Capt Harvey B. Cox III, Maj Donald G. Plummer) illus USAF Instrs J 9:2 Fall '71

The navigator in tactical strike aircraft. LtCol Everett H. Webster. illus Navigator 18, No. 3:1-5 '71

The navigator outlook. TIG Brief 23:9 Nov 5 '71

Navigator shortage continues. AF Times 32:2 Oct 20 '71

Space suit navigator. Maj Curtis D. Dale and Capt Curtis E. Kelly. illus Navigator 18, No. 2:26-28 '71

A subject for discussion. Maj Howard C. Usher, Jr. illus Combat Crew 22:20-21 May '71

Education and Training

Navigator instructor training. Lynn T. Miller. illus USAF Instrs J 8:60-64 Spring '71

Navigator training overhauled--simulators to speed courses. AF Times 32:10 Sep 1 '71

NAVY

See also subdivision under specific subjects,
c.g.,
Appropriations and Expenditures--Navy--U.S.

History

Andrea Doria: Soldier of the sea. CAPT Brown Taylor, Ret. illus map US Nav Inst Proc 97:47-57 Sep '71

Argentina

The Latin American arms market. Intl Def Rev 3:123 Jun '70

Brazil

The Latin American arms market. Intl Def Rev 3:123 Jun '70

China (People's Republic)

Communist China--growing seapower? CDR R. Waring Herrick, Ret. illus US Nav Inst Proc 97:106-107 Sep '71

France

French Naval Exhibition at Le Bourget (Airport, Paris, Sep 15-19, 1970). illus (Also cutaways) Intl Def Rev 3:415-422 Dec '70

GermanyHistory

European naval expansion and Mahan, 1889-1906. Capt Ronald B. St John. illus tabs Nav War Col Rev 23:74-83 Mar '71

Germany (Federal Republic)

A report from Bonn--West German Navy streamlines its fast patrol boat fleet in the Baltic. G.M. Bailly-Cowell. illus NATO's Fifteen Nations 16:45-48 Jun-Jul '71

Great Britain

Fighting seamen of the seventies. Joseph Palmer. NATO's Fifteen Nations 16:59+ Oct-Nov '71

Great Britain's Navy: The not quite setting sun. Comdr Joseph Palmer, Ret. illus Navy 14:17-21 Apr '71

The helicopter: An extension of the DE (Destroyer Escort) in the Royal Navy. CDR J.P. Gunning. illus US Nav Inst Proc 97:105-107 Aug '71

Maritime affairs. VADM B.B. Schofield. Regular feature in issues of Army Quarterly and Defence Journal

The Royal Navy and the continuing commitments. Desmond Wettern. illus US Nav Inst Proc 97:18-25 Aug '71

Royal Navy's ComSat system. John Marriott. illus NATO's Fifteen Nations 16:90-91 Oct-Nov '71

Tactical data handling in the Royal Navy. LtComdr J. Claisse. illus Intl Def Rev 4:436-439 Oct '71

History

European naval expansion and Mahan, 1889-1906. Capt Ronald B. St John. illus tabs Nav War Col Rev 23:74-83 Mar '71

Organization

British ships concentrated into one fleet. Armed Forces J 108:24 Jun 21 '71

NAVY - ContinuedGreece

The Royal Hellenic Navy. Commodore G. Drossinos, Ret. illus tabs map chart US Nav Inst Proc 97:32-37 Mar '71

Indonesia

Strait is the way Russia moves to control the narrow places. Lawrence Griswold. illus maps Sea Power 14:11-17 Oct '71

Israel

The Israeli Navy. LtComdr Reuben Porath. illus map US Nav Inst Proc 97:33-39 Sep '71

History

The Cherbourg caper. Frank Gervasi. illus Navy 14:23-27 Jun '71

Japan

Japan's Maritime Self-Defense Force: An appropriate maritime strategy? LCDR James E. Auer. illus map tab Nav War Col Rev 24:3-20 Dec '71

Japan's naval air strength. LtGen Masataka Okumiya, Ret. illus US Nav Inst Proc 97:106-108 Dec '71

The resurgence of Japanese sea power. Niu Sien-Chong. illus tab NATO's Fifteen Nations 16:70-75+ Oct-Nov '71

History

The resurgence of Japanese sea power. Niu Sien-Chong. illus tab NATO's Fifteen Nations 16:70-75+ Oct-Nov '71

Libya

LNS Zeltin--maintenance and repair ship for Libya. John Rix. illus US Nav Inst Proc 97:95-98 Jan '71

NATO

Inexpensive NATO frigates. John Marriott. illus NATO's Fifteen Nations 16:64-69 Oct-Nov '71

Norway

Penguin--filling the ship to ship missile gap. illus tabs Intl Def Rev 4:168-169 Apr '71

Russia

Are we courting disaster? Cutback in U.S. fleet continues as Soviet Navy builds and builds. A.J. Cottrell and A.A. Hoehling. illus Navy 14:9-14 Jan '71

The bear in the burnoose--a first hand report on Russia's Arab bases. Lawrence Griswold. illus map Sea Power 14:16-23 Sep '71

The blue water Soviet naval officer. CAPT Sumner Shapiro. illus US Nav Inst Proc 97:18-26 Feb '71

The development of Soviet military power in the past 20 years. illus map NATO's Fifteen Nations 16:36-42 Apr-May '71

Extracts of the CNO's report (to the Senate Armed Services Committee, Washington, 1971). ADM Elmo R. Zumwalt, Jr. illus Navy 14:13-15+ May '71

Interposition & intermingling. (Opinions of VADMs B.J. Semmes and David C. Richardson at a Navy League Seminar) Stephan A. Schwartz. illus Navy 14:17-21 Feb '71

Most powerful per pound (Soviet Union's fleet). L. Edgar Prina. illus Navy 14:30-32 May '71

NAVY - Continued

Russia - Cont'd

- Reliable guard of sea frontiers. (Interview with Adm F.A. Kasatonov) illus Soviet Mil Rev No. 7:2-5 Jul '71
- The rise of the Soviet Navy. H.R. Kaplan. illus Review 50:14-16+ Jan-Feb '71
- Russian maritime requirements. Michael McGwire. illus NATO's Fifteen Nations 16:22-27 Oct-Nov '71
- The situation in the Mediterranean. John Marriott. illus tab NATO's Fifteen Nations 16:82-89 Oct-Nov '71
- Soviet naval activities, 1970. Robert W. Daly. illus tabs US Nav Inst Proc 97:285-292 May '71
- The Soviet presence in the Mediterranean: A short history. Philippe Masson and J. Labayle Couhat. (Trans from a French publication) Nav War Col Rev 23:60-66 Jan '71
- The Soviet threat. (From address, House of Representatives, Sep 28, 1970) L. Mendel Rivers. Intl Def Rev 4:39-40 Feb '71
- With the Mediterranean Squadron. Cpts M. Korenevsky and M. Novikov. illus Soviet Mil Rev No. 12:51-53 Dec '71

History

- The rise of the Soviet Navy. H.R. Kaplan. illus Review 50:14-16+ Jan-Feb '71

United StatesSee also

- Military Sealift Command
also specific fleets, e.g.,
Fleet, 2d
Fleet, 6th
Fleet, 7th
also subdivision under specific subjects, e.g.,
Appropriations and Expenditures--Navy--U.S.
- Additional Culebra hearings promised. Armed Forces J 108:10 Aug '71
- Are we courting disaster? Cutback in U.S. fleet continues as Soviet Navy builds and builds. A.J. Cottrell and A.A. Hoehling. illus Navy 14:9-14 Jan '71
- Can we reinforce the Sixth Fleet? Editorial. Navy 14:6 Jun '71
- Computer displays for naval weapon and information systems. R. T. Pretty. illus Intl Def Rev 4:253-254 Jun '71
- Digital naval weapons control systems. R. D. S. Stubbs. illus Intl Def Rev 4:251-252 Jun '71
- Drug abuse: Out in the open. CDR Herbert T. St Omer Woolley and LCDR Lee H. Beecher. illus tabs US Nav Inst Proc 97:18-35 Nov '71
- Entering a desperate era of seapower. Brooke Nihart. Armed Forces J 108:22-23 Mar 15 '71
- Environmental considerations in naval operations. (Lecture, Naval War College, 1971) RADM William W. Behrens, Jr. illus Nav War Col Rev 24:70-77 Sep '71
- Extracts of the CNO's report (to the Senate Armed Services Committee, Washington, 1971). ADM Elmo R. Zumwalt, Jr. illus Navy 14:13-15+ May '71
- The eyes of the fleet. CDR J. E. Wise, Jr. (Reprinted from Naval Aviation News, July 1971) illus Tac Air Recon Dig 5:12-19 Jun '71

NAVY - Continued

United States - Cont'd

- The \$50 billion Navy building program--but 10-year 'wish book' lacks high level approval. George W. Ashworth. illus Sea Power 14:24-27 Oct '71
- A future for the destroyer? CAPT W. J. Ruhe, Ret. illus US Nav Inst Proc 97:33-38 Aug '71
- House votes \$3 billion for shipbuilding. L. Edgar Prina. illus Sea Power 14:30-31 Dec '71
- How to modernize the U.S. fleet despite inflation and 'cost growths'--Chief of Naval Material outlines a 10-point program. George Chapman. illus Navy 14:7-12 Feb '71
- The naval war in Vietnam, 1950-1970. CDR R. L. Schreadley. illus maps US Nav Inst Proc 97:180-209 May '71
- Navy budget is up. L. Edgar Prina. illus Navy 14:40-42 Mar '71
- Navy must change to survive in coming all-volunteer age. Stephan A. Schwartz. illus Navy 14:15-20 Jan '71
- Navy signs agreement with Culebrans to limit firing. map Armed Forces J 108:14 Jan 18 '71
- 'New Navy' stresses smaller, faster hard hitting warships, new-type aircraft. Editorial. John G. Norris. illus Navy 14:6-7 Mar '71
- Ocean surveillance--new weapon of naval warfare. CAPT Frank B. Murphy, Ret. illus US Nav Inst Proc 97:38-41 Feb '71
- Oceanography for the Navy and the nation. RADM W. W. Behrens, Jr. illus Signal 26:26-29 Oct '71
- Oceans--waves of data collected (in Navy's environmental protection program). illus Govt Exec 3:35 Nov '71
- The opportunity and the challenge facing the Navy. Frank Uhlig, Jr. illus Nav War Col Rev 23:21-24 Feb '71
- The pen and the sword. Pictorial. CDR Fred Freeman, Ret. US Nav Inst Proc 97:60-73 Dec '71
- President Nixon names two new assistant secretaries; Hull takes Army post, James Johnson moves to Navy. illus Officer 47:5-6 Jun '71
- Reappraisal of the fleet: Carriers + air capable. George W. Chapman. illus Navy 14:7-8+ Jun '71
- Red Chinese sub threat pushing U.S. to number three in Pacific. Frank Macomber. illus Navy 14:21-22 Jan '71
- A response to Z-gram 62. (College of Naval Command and Staff report) CDR Theodore R. Swartz and CAPT Marvin C. Scoggins, eds. Nav War Col Rev 24:78-88 Sep '71
- Retention: The talk and the deeds. CDR Charles McIntosh. illus US Nav Inst Proc 97:58-63 Sep '71
- Science, technology, and change: Implications for the Navy. Col Raymond C. Shreckengost. illus Nav War Col Rev 24:1-16 Nov '71
- Seabees ashore: Self-help program. CAPT Jack E. Washburn and LCDR S. A. Martinelli. illus tab Mil Engr 63:266-267 Jul-Aug '71
- Seapower--the lower spectrum. CDR Charles W. Koburger, Jr. illus Mil Rev 51:62-68 Jun '71

NAVY - Continued

United States - Cont'd

- A second class Navy? Editorial. Navy 14:7 May '71
- (Sen Mike) Gravel amendment to fund Culebra replacement. Armed Forces J 108:15-16 Jun 21 '71
- Ships of the U.S. Navy. Stefan Terzibaschitsch. tabs US Nav Inst Proc 97:354-356 May '71
- Small ships (hydrofoils and surface effect ships) in a big ship Navy. Brooke Nihart. illus Armed Forces J 108:26-29 Mar 15 '71
- State of the Navy--a hard look and a somber tone. George W. Ashworth. illus Navy 14:8-13 May '71
- 'These wine dark seas'--as Vietnam winds down the Sixth Fleet becomes the fairhaired boy. L. Edgar Prina. illus Sea Power 14:21-24 Nov '71
- A United States Navy for the future: Prize Essay, 1971. CAPT Robert H. Smith. illus US Nav Inst Proc 97:18-25 Mar '71
- View from the bridge--1980. CAPT Fred A. Hill III. illus US Nav Inst Proc 97:103-104 Sep '71
- Z-grams. illus US Nav Inst Proc 97:292-298 May '71
- Z-grams: A behavioral analysis. CAPT J. R. Kint. tab Persp in Def Mgt, pp 59-65, May '71
- Zumwalt: Future needs at the expense of present capability. ADM Elmo R. Zumwalt, Jr. illus Armed Forces J 108:28-30+ Jan 4 '71

History

- The eagle and the 'roo: American fleets in Australian waters. John Hammond Moore. illus US Nav Inst Proc 97:43-51 Nov '71
- Herndon, Maury, and the Amazon Basin. James P. Reddick, Jr. illus maps US Nav Inst Proc 97:56-63 Mar '71
- Mr Jefferson's mothball fleet. John P. Sinnott. map illus Navy 14:22-27 Apr '71
- Navy Sundowner par excellence (ADM Ernest J. King). ADM J. J. Clark, Ret. illus US Nav Inst Proc 97:54-59 Jun '71
- A seaman for all seasons (LtCol John M. Gamble). LT Alexander G. Monroe. illus US Nav Inst Proc 97:69-71 Feb '71
- Technology and strategy: A study in the professional thought of the U. S. Navy, 1900-1916. (Research paper, Naval War College, 1971. Lt John B. Hattendorf. illus Nav War Col Rev 24:25-48 Nov '71
- 27 pennants of pride--Z-71 creates Navy's first battlestreamers; and a 'Betsy Ross.' Robert J. Boylan. illus Navy 14:34-37 Mar '71
- Unknown ship (USS Solace). CAPT Benjamin Perlman, Ret. illus US Nav Inst Proc 97:78-79 Mar '71
- Washington and the sea. RADM John D. Hayes, Ret. illus map Mil Rev 51:60-66 Jul '71

Organization

- 'Biggest shop in the Navy (Office of Command Support Programs)--(VADM) Harlfinger in profile. Robert J. Boylan. illus Sea Power 14:33-34 Dec '71
- Fundamental changes in the Navy. Interview. RADM Harry L. Harty, Jr. illus charts Govt Exec 3:39+ Aug '71
- Naval Training Command established. Armed Forces J 108:13-14 Aug '71

NAVY - Continued

United States - Cont'dOrganization - Cont'd

- Naval training czar (Naval Training Command, Pensacola, Fla). L. Edgar Prina. illus Navy 14:35-36 Jul-Aug '71
- (Naval) training management problem. illus chart Govt Exec 3:14 Dec '71
- Navy organizes recruiting command. Armed Forces J 108:18 May 3 '71
- Navy will consolidate training. Armed Forces J 108:14 Apr 19 '71

Vietnam (Republic)

- The naval war in Vietnam, 1950-1970. CDR R. L. Schreadley. illus maps US Nav Inst Proc 97:180-209 May '71

NAVY DAY

- Navy Day 1970. illus Navy 14:31-44 Jan '71

NAVY EXCHANGES see Exchanges--NavyNAVY LEAGUE

- 69th Navy League Convention (San Diego, Calif, May 10-15, 1971). illus Navy 14:40-57 Jul-Aug '71
- Welcome to San Diego, 1971 Navy League Convention. illus Navy 14:S1-S32 Mar '71

NAZZARO, Joseph J.

- Nazzaro retires as PACAF chief (and Gen Lucius D. Clay, Jr will replace him). por AF Times 31:21 Jul 28 '71
- Pacific Air Forces. por AF Mag 54:67-71 May '71

NEGOTIATION

- Long-range planning for peace. (Address, Dayton Council on World Affairs, Dayton, Ohio, Jan 29, 1971) G. Warren Nutter. AF Plcy Ltr for Comdrs: Sup No. 3:8-13 Mar '71
- Two-star diplomat (MajGen Felix M. Rogers). (Senior member on the (U.N.) Military Armistice Commission, Korea) Capt Robert P. Everett. illus Airman 15:17 Aug '71

NEGROES IN THE ARMED FORCES

- (AF) Academy Capt (Bob Ramsay) gives minorities sales pitch. illus AF Times 32:36 Sep 15 '71
- ATC acts to end racial tensions. AF Times 32:1+ Sep 15 '71
- Black airmen feel racism--communications need cited. Tony McHale. AF Times 31:19 Mar 10 '71
- Black EM at Ubon (RTAFB, Thailand) tell about racial difficulties. Capt Bill Brown. illus AF Times 31:22 May 26 '71
- Black-oriented products sell well in exchange. AF Times 31:5 Aug 4 '71
- Black studies succeed. AF Times 31:20 Apr 28 '71
- Blacks at Ramey (AFB, PR) tell of prejudice. Tony McHale. AF Times 31:20 Jul 28 '71
- BrigGen B. L. Hunton becomes first black U.S. Reserve general. illus Officer 47:21 Jul '71
- Brotherhood is the name of the game. Capt Robert P. Everett. illus Airman 15:18-22 Aug '71

NEGROES IN THE ARMED FORCES - Continued

- Command leadership and the black serviceman. L. Howard Bennett. illus US Nav Inst Proc 97:42-47 Apr '71
- The commander and the minority mental process. LtCol Earl W. Renfro, Jr. illus AU Rev 23:39-46 Nov-Dec '71
- 'Dap' ritual evokes opposing reactions. SSgt Chuck Majors. illus AF Times 31:16 Jan 20 '71
- Discrimination? A minority review. LCDR Abe Greenberg and LTJG Charles H. McKeown. tabs US Nav Inst Proc 97:104-106 Jun '71
- Ent (AFB, Colo) denies claims of racial bias. Tony McHale. AF Times 31:3 Apr 7 '71
- Equal for all. Capt Gary A. Guimond. illus tabs Airman 15:28-31 Feb '71
- Guard launches drive to double black strength. tab Natl Guardsman 25:9-10 Dec '71
- Housing bias fight continues in Germany. Tom Wuriu. AF Times 31:35 Jun 30 '71
- Military racism cited by (congressional black) caucus. Larry Phillips. AF Times 32:63 Dec 8 '71
- Minorities stay out of Reserves. AF Times 32:3 Dec 8 '71
- Moody (AFB, Ga) forms council for black airmen. AF Times 32:22 Aug 11 '71
- More blacks in Reserves but percentage declines. AF Times 31:8 Jul 28 '71
- Race accord class eyed as required program. Bob Schweitz. AF Times 31:3 Mar 3 '71
- To lead the way. (LtCol Ralph L. White) Sgt Paul Stevens. Airman 15:15 May '71

Statistics

- Black data given. George Foster. AF Times 31:1+ May 26 '71
- Black participation in Guard increases. AF Times 31:3 Mar 17 '71
- Blacks gain in 'Top 3.' Tony McHale. tab AF Times 31:1+ Feb 10 '71

NELSON, Douglas T.

- Air Force program managers: Why all the praise? Interviews. Gen George Brown, MajGen Douglas T. Nelson, BrigGens Benjamin N. Bellis and Warner E. Newby and others. por Govt Exec 3:34-35+ Jun '71
- The B-1 bomber: Does American survival hinge on it? Interviews. MajGen Douglas T. Nelson and others. por Govt Exec 3:53-54+ Oct '71
- B-1--vital to nation's defense. (Address, Iron Gate Chapter, AFA, New York, Sep 14, 1971) MajGen Douglas T. Nelson. AF Plcy Ltr for Comdrs: Sup No. 11:2-9 Nov '71
- Why we need the B-1. (Remarks, Long Island Section, American Institute of Aeronautics and Astronautics, Woodbury, Long Island, NY, Nov 10, 1970) BrigGen Douglas T. Nelson. AF Plcy Ltr for Comdrs: Sup No. 1:24-31 Jan '71

NEWBY, Warner E.

- Air Force program managers: Why all the praise? Interviews. Gen George Brown, MajGen Douglas T. Nelson, BrigGens Benjamin N. Bellis and Warner E. Newby and others. por Govt Exec 3:34-35+ Jun '71

NEWMAN, Aubrey S.

- Infantry in retrospect. MajGen A. S. Newman, Ret. illus Infantry 61:6-11 Sep-Oct '71
- Technique of command. MajGen A. S. Newman, Ret. illus Infantry 61:34-37 Mar-Apr '71

NEWS MEDIA

- Bickering (among POW and MIA kin) may kill campaign. AF Times 32:20 Dec 29 '71
- Challenge to technology. Edward G. Uhl. illus Ordnance 56:32-34 Jul-Aug '71
- DOD may cut pamphlets. AF Times 31:3 Apr 21 '71
- Marines and the media. Maj John F. Flynn. MarCor Gaz 55:49-50 Jul '71
- New concept of security. Gen Maxwell D. Taylor. Ordnance 56:30-31 Jul-Aug '71
- News program held poor idea. AF Times 31:5 Jul 28 '71
- Public affairs aspects of the 1968 Reserve mobilization. Maj John D. Williams. illus AU Rev 23:59-67 Nov-Dec '71
- The role of the press. (Remarks, panel discussion on "Communication Media," Naval War College, 1970?) Neil Sheehan. illus Nav War Col Rev 23:4-7 Feb '71

NEWSPAPERS

- AFSC takes 3 firsts in newspaper contest. AF Times 31:3 Feb 3 '71
- ADM Sharp comments on Viet air war. (Extracts from address, "Comments on the Pentagon Papers," San Diego Council, Navy League, July 21, 1971) ADM U. S. Grant Sharp, Ret. Sea Power 14:36-37 Sep '71
- Air Force newspapers, base guides and directories. TIG Brief 23:19 Oct 8 '71
- Airpower could have won in Vietnam. ADM U. S. Grant Sharp, Ret. AF Mag 54:82-83 Sep '71
- Ellsberg charges challenged--expert says law misused. Court Gifford. AF Times 31:54 Jul 28 '71
- The hassle over the Pentagon Papers: Must the First Amendment always come first? Editorial. Army 21:6-8 Aug '71
- 'Hot lines' cool airmen gripes. Bruce Callander. AF Times 32:13 Sep 22 '71
- Military blasts airing of secrets (in New York Times). Ed Gates. AF Times 31:1+ Jun 30 '71
- The pen and the sword: National security and freedom of the press. James D. Hessman. Armed Forces J 108:37 Jul 5 '71
- The role of the press. (Remarks, panel discussion on "Communication Media," Naval War College, 1970?) Neil Sheehan. illus Nav War Col Rev 23:4-7 Feb '71
- Secrecy rules involved (between the government and the New York Times). Bruce Callander. AF Times 31:13 Jul 7 '71
- Speed the news. Henry C. Sivewright. illus Army Dig 26:66-67 Feb '71
- Those Pentagon Papers--who needs them? Editorial. John F. Loosbrock. AF Mag 54:6-9 Aug '71
- Troop gripes encouraged. AF Times 32:55 Nov 24 '71

NEWTON, John

Hellgate's infamous past. Claude Rust. illus maps Mil Engr pt 1, Fight against "endless obstructions." 63:336-341 Sep-Oct '71; pt 2, General Newton and conquest. 63:410-414 Nov-Dec '71

NICKERSON, Herman, Jr

Comptrollers, credit, and credit unions. LtGen Herman Nickerson, Jr, Ret. por Armed Forces Compt 16:11-12 Winter '71

NIGHT FIGHTING

A Corsair pilot reminisces. CDR Guy P. Bordelon, Ret. illus Approach 16:40-43 May '71

Nimrod--king of the (Ho Chi Minh) Trail. Capt Michael J. C. Roth. illus AF Mag 54:30-34 Oct '71

"Nite Owl" operations (in 497th Tactical Fighter Sq, Ubon RTAFB, Thailand). LtCol Charles F. Harrington. illus Tac Air Warfare Cen Qtr Rpt 2:4-11 Dec '70

Preparation of tank company for night defense. LtCols R. Trofimov and V. Shulgin. illus tab Soviet Mil Rev No. 9:27-29 Sep '71

STANO (Surveillance, Target Acquisition and Night Observation): Combat eyes and ears. Maj Karl L. Chapman. illus Infantry 61:22-25 Mar-Apr '71

Tiger Surprise (lightship). SP5 Stan Grayson. illus Army Dig 26:8-9 Jan '71

Equipment

Night vision equipment. illus Fld Artilleryman, pp 32-36, Mar '71

History

Canada's Yank--Lt A. A. Harrington. Hugh A. Halliday. illus tab Aerosp Hist 18:75-80 Jun '71

NIGHT FLYING

Can of worms. illus Approach 16:20-23 Mar '71

Distractions and disorientation in the night field landing pattern. illus Approach 16:2-7 Jan '71

Night test flight. illus USA Avn Dig 17:60-61 Jul '71

"Nite Owl" operations (in 497th Tactical Fighter Sq, Ubon RTAFB, Thailand). LtCol Charles F. Harrington. illus Tac Air Warfare Cen Qtr Rpt 2:4-11 Dec '70

TALC test improves capability of night airdrops. LtCol G. O. Kirchoff. Tac Alft 1:6 Jul '71

That one small step. (B-52 low level accidents) Maj Edward E. Nystrom. illus Combat Crew 22:16-17 Nov '71

Vision loss from windshield tinting in a night visual flying accident. B. A. J. Clark. illus tabs Aerosp Med 42:190-195 Feb '71

History

Canada's Yank--Lt A. A. Harrington. Hugh A. Halliday. illus tab Aerosp Hist 18:75-80 Jun '71

NIXON, Richard M.

American strength: Keystone of peace. (Remarks, U.S. Military Academy, West Point, NY, May 29, 1971) Richard Nixon. AF Plcy Ltr for Comdrs: Sup No. 7:25-28 Jul '71

The bluewater strategy--Nixon and liberals in tune. Dennis W. Brezina. por Navy 14:23-28 May '71

NIXON, Richard M. - Continued

'A career of service to your fellowman is the highest career of all.' (Address, West Point, May '71) Richard M. Nixon. illus Armed Forces J 108:28-31 Jun 21 '71

Drug aid ordered by Nixon. Bob Schweitz. AF Times 31:1+ Jun 30 '71

"Duty, honor, country": A presidential salute. (Address, U.S. Military Academy, West Point, NY, May 29, 1971) Richard M. Nixon. Army 21:7-9 Jul '71

Jan 1 raise endangered--Nixon to decide. AF Times 32:1+ Aug 25 '71

Nixon doctrine and the blue water strategy. Editorial. Navy pt 1, 14:8 Jan '71; pt 2, 14:6 Feb '71

Nixon eyes one recomp. Bob Schweitz. AF Times 32:1+ Oct 27 '71

Nixon gets pay bill. AF Times 31:1+ Jan 13 '71

Nixon policy questioned on abortions in military. AF Times 31:13 May 12 '71

Nixon to ask \$77.5 billion for defense. AF Times 31:50 Feb 3 '71

The North Atlantic Alliance. (Message to North Atlantic Council, Brussels, Belgium, Dec 3, 1970) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 3:28 Mar '71

The only option? (Blue water) (Prize Essay, 1971, 2d Honorable Mention) George E. Lowe. por US Nav Inst Proc 97:18-26 Apr '71

President names 49 for flag rank. tab Armed Forces J 108:15-16 May 17 '71

President Nixon names two new assistant secretaries; Hull takes Army post, James Johnson moves to Navy. illus Officer 47:5-6 Jun '71

President orders intensified drive on jobs for veterans. Officer 47:12 Oct '71

President proposed 'major transformation' of military aid programs. Armed Forces J 108:14 May 3 '71

President puts no limit on air power in SEA. AF Times 31:21 Mar 3 '71

President, SecDef declare war on heroin. Armed Forces J 108:17-18 Jul 5 '71

The Presidential decision on the Cambodian operation --a case study in crisis management. Col Russell H. Smith. por AU Rev 22:45-53 Sep-Oct '71

President's goal for 71: College deferment end. AF Times 31:35 Jan 13 '71

The purpose of America's power. (Address, Graduation Exercises, Naval Officer Candidate School, Newport, RI, March 12, 1971) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 6:8-11 Jun '71

Ranch Hand may ride again: Opium poppies the target? Brooke Nihart. illus Armed Forces J 108:19-20 Jul 5 '71

'Realistic deterrence.' Editorial. John L. Frisbee. illus AF Mag 54:4+ Apr '71

Realistic deterrence and new strategy. Col Kenneth L. Moll. illus AU Rev 23:2-12 Nov-Dec '71

Retirement review set--Nixon asks recomp, kin study. Bob Schweitz. AF Times 31:1+ Mar 31 '71

Strategic arms limitation agreement. (Remarks, Washington, May 20, 1971) Richard Nixon. AF Plcy Ltr for Comdrs: Sup No. 7:19 Jul '71

NIXON, Richard M. - Continued

Survivor benefits raised--Nixon signs bill. AF Times 32:4 Dec 29 '71

Value and cost of the Reserves: Laird-Nixon policy. Editorial. illus Officer pt 1, 47:6 Nov '71; pt 2, 47:6+ Dec '71

NOISE

Airlines--a cure for chewing up. illus Govt Exec 3:16 Feb '71

Communication theory. Capt James C. Gaston. USAF Instrs J 8:21-24 Spring '71

Effect of earplugs on passenger speech reception in rotary-wing aircraft. C.E. Williams and others. illus tabs Aerosp Med 42:750-752 Jul '71

Effects of combined heat, noise and vibration stress on human performance and physiological functions. W.F. Grether and others. illus tabs Aerosp Med 42:1092-1097 Oct '71

FAA seeks noise reduction proposals. Interavia 26: 20-21 Jan '71

French research in jet engine silencing: Action against aircraft noise. Jacques Spincourt. illus Interavia 26:1376-1377 Dec '71

Mission: Environmental protection. Gen John D. Ryan. illus Airman 15: inside front cover Jan '71; AF Plcy Ltr for Comdrs: Sup No. 3:32 Mar '71

The NASA quiet engine programme: Action against aircraft noise. James J. Kramer. tabs illus (Also cutaway) Interavia 26:1373-1375 Dec '71

Noise: A hazard to divers and hyperbaric chamber personnel. J.K. Summitt and S.D. Reimers. illus tabs Aerosp Med 42:1173-1177 Nov '71

Noise and aircrew effectiveness. William R. Pierson. illus tab Aerosp Med 42:861-864 Aug '71

The noise approach to on-line and in-service system monitoring. Norman E. Chasek. illus Signal 25: 115-119 Jun '71

Noise! Noise! Noise! Maj John P. Meade. illus tabs Aerosp Safety 27:12-13 Apr '71

Noise pollution. LtCol Kelly E. Stewart. illus Mil Engr 63:321-323 Sep-Oct '71

Protecting the environment--the Air Force role. Interview. BrigGen M.R. Reilly. illus Airman 15:4-8 Jan '71

(Quiet engine program) Signal 26:58 Dec '71

Reducing flight disturbances that cause adverse public reactions. TIG Brief 23:18 Jan 29 '71

Siren effects studied. AF Times 31:32 May 19 '71

Studies of Concorde's characteristics: Action against aircraft noise. illus Interavia 26:1378-1379 Dec '71

NONAPPROPRIATED FUNDS

Blue-collar raise plan starts flap. AF Times 32:5 Aug 18 '71

Central buying for Viet clubs saving money. AF Times 31:20 Jun 9 '71

Club funds overhaul called for. Bob Horowitz. AF Times 32:1+ Nov 10 '71

Club investigators ask few changes. AF Times 32:54 Nov 24 '71

Clubs, exchanges face Defense study. AF Times 32:4 Aug 25 '71

NONAPPROPRIATED FUNDS - Continued

DOD seeks raises for club work. Bob Schweitz. AF Times 31:1+ Jun 2 '71

Exchange, club payoffs probed. Bob Horowitz. AF Times 31:1+ Feb 24 '71

HASC critical of non-appropriated fund activities. Brooke Nihart. Armed Forces J 108:12+ Jan 4 '71

Integrity and control of nonappropriated funds. TIG Brief 23:1 Aug 6 '71

Integrity of nonappropriated fund control systems. TIG Brief 23:13 Jun 4 '71

Introspect '71. (Highlights and presentations, Commissary and Exchange Symposium sponsored by Southern Calif Chapter, Defense Supply Assoc, Anaheim, April 14-16, 1971) Review 50:49-50+ May-Jun '71

Money handlers get close checks. Bruce Callander. AF Times 32:4 Oct 27 '71

Procurement support for NonAppropriated Fund (NAF) activities. TIG Brief 23:15-16 Dec 31 '71

The Ribicoff inquiry. Edward J. Michelson. illus Review 50:43+ May-Jun '71

Senate orders crackdown on military club/PX system. Armed Forces J 109:12+ Dec '71

'Undue influence' vendors. Armed Forces J 108:19-20 Jun 7 '71

NONCOMMISSIONED OFFICERSAir Force--U.S.

The airman promotion program. Maj Jerry C. Schaaf. AF Plcy Ltr for Comdrs: Sup No. 1:14-15 Jan '71

Bars for NCOs boosted. Bruce Callander. AF Times 32:13 Sep 29 '71

Breakout given for E-6, 7 hikes. AF Times 31:4 Feb 24 '71

Commands nominate 22 E-9s for top EM. AF Times 31:15 May 26 '71

Commands to name 27 (NCOs) to vie for top EM job. AF Times 31:11 Apr 7 '71

Communications between generations. CMSgt William G. Franklin. USAF Instrs J 9:8-11 Summer '71

Data given on E-5 selections. tab AF Times 31:4 Jun 2 '71

Dip seen in stripes quota but fairer distribution set. Bruce Callander. AF Times 31:1+ Jan 20 '71

E-4 hike rate changes--some earlier, some later. AF Times 31:10 May 12 '71

E-4 list exhausted. AF Times 31:6 Mar 10 '71

E-4 pace changes for some. Bruce Callander. AF Times 32:1+ Sep 8 '71

E-5 hikes go farther; E-4s fall short. AF Times 32:17 Aug 11 '71

E-5, 6 hike rule eased. AF Times 32:3 Aug 18 '71

E-6, E-7 quotas top last cycle. AF Times 31:1+ Jul 21 '71

E-6, 7 hike statistics given. tab AF Times 31:5+ Mar 3 '71

E-8, E-9 quotas seen increasing. Bruce Callander. AF Times 32:1+ Oct 13 '71

E-8s named for hikes, super pay. Bruce Callander. AF Times 32:1+ Dec 15 '71

NONCOMMISSIONED OFFICERS - Continued

Air Force--U.S. - Cont'd

EM career to change--actions weighed. Bob Schweitz. AF Times 31:1+ Feb 24 '71

EM hike numbers given. tab AF Times 31:10 Feb 10 '71

8800 win hikes to tech, master (sergeant). tab AF Times 31:10 Feb 10 '71

The executives (NCO sergeant majors for cadet groups). TSgt Jim Caldwell. illus Airman 15: 12-15 Jul '71

Fair hike chances due FY '73. Bruce Callander. AF Times 31:1+ Jun 16 '71

15 per cent of E-8s get super pay. AF Times 32:3 Dec 15 '71

15,095 EM set for hikes--E-4s total 8476. AF Times 32:3 Oct 6 '71

First shirt skill calls for E-7, up. AF Times 31:10 Mar 24 '71

Heavy schedule set up for Harlow's successor (as CMSAF, CMSgt Richard D. Kisling). illus AF Times 32:21 Aug 25 '71

Here's how WAPS works. AF Times 31:13 Jan 6 '71

IG assistants hear gripes. AF Times 32:17 Dec 29 '71

Instructor recognition--the 1970 outstanding NCO Academy instructors. illus USAF Instrs J 8:2-3 Winter '70-'71

January supergrade quotas advance last from '70 list. AF Times 31:20 Jan 6 '70

June stripes put at 16,669. Bruce Callander. AF Times 31:1+ Jun 2 '71

A little more of something special. (12 Outstanding Airmen of 1971) Sgt Dave Cole. illus Airman 15:17-20 Nov '71

Many commands create post of 'top airman.' AF Times 32:10 Sep 15 '71

Meet the chief (new CMSAF Richard D. Kisling). illus Airman 15: inside front cover Oct '71

NCO force-out sized up. tab AF Times 31:1+ Feb 17 '71

NCO group takes firm stand. Bruce Callander. AF Times 32:1+ Sep 22 '71

NCOs learn job leadership--'crash course' at Lockbourne (AFB, Ohio). illus AF Times 31:30 Mar 17 '71

NCOs revise job skill tests. AF Times 31:36 Apr 28 '71

New career plan (TOPCAP) approved for EM. Bruce Callander. AF Times 31:1+ Jun 9 '71

New effort tries to find supergrade 'points plan.' Bruce Callander. AF Times 31:1+ Mar 24 '71

New rules boost E-4 hike eligibles. Bruce Callander. AF Times 31:1+ Mar 10 '71

19 percent win hikes to E-9--statistics given. AF Times 32:5 Dec 15 '71

19,000 hikes due on May 1. Bruce Callander. AF Times 31:1+ May 5 '71

90% of eligibles will make E-4. AF Times 31:4 Mar 17 '71

90,000 picked for E-4. AF Times 32:9 Sep 15 '71

Normal E-5 quota seen--problems only temporary Bruce Callander. AF Times 32:1+ Nov 17 '71

NONCOMMISSIONED OFFICERS - Continued

Air Force--U.S. - Cont'd

Only 21,239 to win E-5 in June cycle. AF Times 31:3 May 19 '71

Post-hike out rules due soon. AF Times 31:1+ Jan 6 '71

Post-promotion freeze for NCOs to remain. AF Times 31:2 Jun 23 '71

Project Volunteer--an open letter to senior NCOs. CMSgt William G. Franklin. Airman 15:16-17 Oct '71

Promotion of airmen. TIG Brief 23:15 Oct 8 '71

SAC offers flying jobs. AF Times 31:22 Feb 17 '71

Several thousand untested in WAPS. AF Times 31:11 Jun 23 '71

6100 NCOs get raise. Bruce Callander. AF Times 32:1+ Sep 1 '71

Solve woes, Gillem tells school NCOs. AF Times 31:34 Mar 10 '71

Some Air Force sergeants I have known. (Adapted from address, Air Force Sergeants Assoc, Colorado Springs, Oct 9, 1970) Gen Bruce K. Holloway. illus Airman 15:12-15 Oct '71

Split of hikes, super pay poses multiple problems. AF Times 32:21 Sep 29 '71

Straight talk to sergeants major. (Letter to 15th Air Force Sergeants Major, April 5, 1971) CMSgt W. G. Franklin. AF Plcy Ltr for Comdrs: Sup No. 8: 27-29 Aug '71

Stripes boost set for FY-72. Bruce Callander. tab AF Times 31:1+ May 12 '71

Stripes pace holding firm. Bruce Callander. AF Times 31:1+ Feb 3 '71

Stripes to E-9 delayed. AF Times 32:2 Dec 8 '71

Superior-pay rules told--WAPS-like formula due for grades E-3 to 6. Bruce Callander. AF Times 31:1+ Apr 21 '71

Super-pay plan panel meets--work begins on revision. AF Times 31:13 Jun 2 '71

TOPCAP allows no exceptions. Bruce Callander. AF Times 32:13 Oct 13 '71

10,000 new E-5s to get super pay. AF Times 31:3 Jun 9 '71

10,071 EM hikes slated. Bruce Callander. AF Times 31:1+ Mar 3 '71

Test for E-8 hike needed by July 1. AF Times 31:5 Jun 16 '71

Test scores confusing. Bruce Callander. AF Times 31:13 Mar 17 '71

Tests begin anew for WAPS--cycle starts in August. AF Times 31:17 Feb 17 '71

They call it TOPCAP. Maj Norbert R. Khus. illus tab Airman 15:11-15 Sep '71

To a different drummer. (Military training instructor at Lackland AFB, Tex) Sgt Dave Cole. illus Airman 15:3-9 Oct '71

Top-4 mix for '72 may pose trouble. Bruce Callander. AF Times 31:13 Feb 17 '71

12,986 to win stripes next month. Bruce Callander. AF Times 31:1+ Jun 30 '71

NONCOMMISSIONED OFFICERS - ContinuedAir Force--U.S. - Cont'd

- 25 NCOs begin training as physician assistants--two-year program. Jim Sample. AF Times 31:4 Jul 21 '71
- 20,755 named for hikes to E-5. AF Times 32:4+ Dec 8 '71
- 20,755 win hikes to E-5. Bruce Callander. AF Times 32:1+ Dec 1 '71
- 23,810 on lists for E-6,7 hikes. AF Times 31:4 Jul 28 '71
- 22,285 get stripes--August quotas set record for E-5,6,7. Bruce Callander. AF Times 31:1+ Aug 4 '71
- 'Up-or-out' predictions shaved. AF Times 32:10 Nov 24 '71
- Up-or-out rules tighter--PETS cut off. AF Times 31:24 May 5 '71
- Upgrade irritant stopped. AF Times 31:2 Jan 20 '71
- WAF, 11 airmen (NCO's) honored (as Outstanding Airmen for 1971). illus AF Times 32:3 Sep 29 '71
- WAPS: The middle ground. Bruce Callander. AF Times 31:13 Feb 3 '71

Statistics

- Blacks gain in 'Top 3.' Tony McHale. tab AF Times 31:1+ Feb 10 '71

Army--U.S.

- He's (SSgt Pedro Rivera-Berrios, Fort Davis, CZ) where it's at. SGM Harold S. Effron. illus Soldiers 26:30-34 Jun '71
- Key man on the mod scene (Army drill sergeant). SP4 Rene Abadie. illus Soldiers 26:8-11 Aug '71
- "Let's build a better Army." Interview. SGM Silas L. Copeland. illus Soldiers 26:5-7 Jul '71
- Noncommissioned Officers Education System. MSgt Bennie L. Fagan. illus Infantry 61:16-18 Jan-Feb '71
- The vital role of the small unit leader. Gen Bruce Palmer, Jr. illus Army 21:23-25 Oct '71
- Winding down of war calls for top leaders. SGM Silas L. Copeland. illus Army 21:26-27 Oct '71

Marine Corps--U.S.

- Degrees for staff NCOs. MSgt J.W. Lontos. MarCor Gaz 55:52 Aug '71
- Leadership through group dynamics (at 2d Marine Division SNCO Leadership School). Maj H. L. Seay. illus MarCor Gaz 55:26-32 Sep '71

Statistics

- SNCO TIG, service (for FY '71). tab MarCor Gaz 55:7 Aug '71

NONCOMMISSIONED OFFICERS ACADEMIES

- AFCS Noncom Academy set (at Richards-Gebaur AFB, Mo). AF Times 32:17 Sep 15 '71
- (Marine Corps SNCO) Academy program is limited. Maj Joseph W. Gibbs III. MarCor Gaz 55:50-51 Sep '71
- NCO academies name graduates. AF Times 31:41 May 12 '71

NONCOMMISSIONED OFFICERS ACADEMIES-Continued

- NCOs study school role (at) Norton (AFB, Calif) meeting. AF Times 32:17 Dec 15 '71

The 'secret' ANG (Noncommissioned Officers) Academy (McGee-Tyson AB, Tenn). Ed Gates. AF Times 32:13 Sep 15 '71

Staff Non-Commissioned Officer Academy. illus MarCor Gaz 55:49-51 May '71

NONCOMMISSIONED OFFICERS CLUBS see Service-men's ClubsNONRESIDENT TRAINING see Correspondence Schools and CoursesNORSTAD, Lauris

- A pictorial salute to former SACEURS. NATO's Fifteen Nations 16:26-29 Apr-May '71

NORTH AMERICAN AIR DEFENSE COMMAND

Paper war (Exercise Amalgam Arizona) at NORAD keeps defenders sharp. MSgt Ken Reinig. AF Times 31:37 Jan 27 '71

SNOW TIME (SAC/NORAD Operational Weapons Training/testing Involving Military Electronics) are good. Maj Morris C. Blumenthal, Jr. illus Combat Crew 22:12-15 Jun '71

Underground project set (for North American Air Defense Command). AF Times 32:36 Dec 15 '71

While NORAD protects us, miners protect NORAD. AF Times 31:39 Jun 2 '71

NORTH ATLANTIC TREATY ORGANIZATION

See also subdivision under specific subjects, e.g.,
Defenses--NATO

The air situation in the Mediterranean. John Marriott. illus map tab Intl Def Rev 4:429-432 Oct '71

Alliance defence for the seventies. Army Qtr 101:277 Apr '71

Alliances and the balance of power. Hans J. Morgenthau. Persp in Def Mgt, pp 11-19, Jan '71

Anti-tank missiles in Europe. John Marriott. illus tab Armed Forces J 108:30-31 Jul 19 '71

Army helicopters in Europe. Armed Forces J 108:22 Aug '71

The Atlantic Alliance: Its present problems and its aims. Nuri Birgi. NATO's Fifteen Nations 15:31-33+ Dec '70-Jan '71

The bounds of NATO. Joseph Palmer. illus NATO's Fifteen Nations 16:20-25 Feb-Mar '71

British defense policies. Maj E. Malcolm Perry-Davies. illus Mil Rev 51:10-16 Nov '71

Can Europe stand alone? Capt Sten Öhlander. illus Hawk No. 31:33-39 Feb '70

Congress and President: NATO troop-reduction conflict. Stanley L. Harrison. illus Mil Rev 51:13-24 Sep '71

The defence of Europe. Gen A. J. Goodpaster. illus Royal United Svc Instn J 116:31-41 Mar '71

The defense of Northwest Europe and the North Sea. MajGen J. L. Moulton, Ret. illus maps tabs US Nav Inst Proc 97:80-97 May '71

Economic principles and defence. (Lecture, NATO Defense College, Nov 1970) Peter M. Oppenheimer. illus NATO's Fifteen Nations 16:16-20 Jun-Jul '71

NORTH ATLANTIC TREATY ORGANIZATION -
Continued

- A European view of NATO strategy. Lawrence L. Whetten. illus Mil Rev 51:25-37 Sep '71
- Franklin had a word for it. Reginald Hargreaves. Army Qtr 101:178-185 Jan '71
- Iceland's closure of U.S. base will cripple U.S. - NATO defense. Col Robert D. Heintz, Jr. Armed Forces J 108:20 Aug '71
- If the Americans leave. Juergen Schilling. (Trans and condensed from a German publication) illus Mil Rev 51:84-90 Jun '71
- In the service of defence. Adm Nigel Henderson. illus NATO's Fifteen Nations 16:32-35 Apr-May '71
- Inexpensive NATO frigates. John Marriott. illus NATO's Fifteen Nations 16:64-69 Oct-Nov '71
- A joint weapons program. Col A. C. Smith, Jr. MarCor Gaz 55:16 Dec '71
- Letter from London: Britain suddenly alert to growing Soviet threat. illus NATO's Fifteen Nations 16:12-14 Jun-Jul '71
- Long-range planning factors in the Brosio Exercise. Lawrence L. Whetten. illus Mil Rev 51:50-59 Jul '71
- Malta and NATO. John Marriott. Armed Forces J 108:19 Aug '71
- The military situation in Europe. Regular feature in some issues of Army Quarterly and Defence Journal
- The moral values of the Free World, the common heritage of the countries of the (NATO) Alliance. M. W. J. M. Broekmeijer. NATO's Fifteen Nations 16:18-23 Aug-Sep '71
- NATO and the Brezhnev doctrine. MajGen M. W. J. M. Broekmeijer. illus NATO's Fifteen Nations 16:22-24 Jun-Jul '71
- NATO force cuts seen despite Mansfield defeat. Armed Forces J 108:14 Jun 7 '71
- NATO in the development of mutually acceptable security arrangements between East and West. Brig W. F. K. Thompson, Ret. illus NATO's Fifteen Nations 15:87-90+ Dec '70-Jan '71
- NATO shores up defense structure. Armed Forces J 108:12+ Jan 4 '71
- NATO threat in the Mediterranean. Cols G. Arzumyanov and V. Katerinich. illus Soviet Mil Rev No. 5:52-54 May '71
- NATO through the eyes of the younger generation. Joggli P. Meihuizen. illus NATO's Fifteen Nations 16:101+ Apr-May '71
- The NATO warning of 1968. Istvan Szent-Miklosy. illus Mil Rev 51:3-13 Feb '71
- NATO's northern flank--vital but increasingly vulnerable. Stefan Geisenheyner. illus map AF Mag 54:56-61 Jul '71
- NATO's nuclear strategy and its dangers. Maj E. Hinterhoff. Army Qtr 101:136-140 Jan '71
- NATO's third dimension. Marshall E. Wilcher. AU Rev 22:65-68 Sep-Oct '71
- Negotiations on Suez Canal. Armed Forces J 108:23 Jun 21 '71
- The North Atlantic Alliance. (Message to North Atlantic Council, Brussels, Belgium, Dec 3, 1970) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 3:28 Mar '71

NORTH ATLANTIC TREATY ORGANIZATION -
Continued

- The North Atlantic Treaty. London's Institute for Strategic Studies. illus tabs Aerosp Intl 7:66-74 Dec '71; AF Mag 54:66-74 Dec '71
- On NATO's northern flank. Capt Erik B. Johansen. illus map Mil Rev 51:63-69 Aug '71
- Politico-economic world developments as they affect NATO nations in the 1970's. (Address, Allied Command Atlantic Naval Symposium, SACLANC Hq, Norfolk, Va, Nov 4, 1970) Walt W. Rostow. illus Nav War Col Rev 23:4-13 Apr '71
- Problems of European security. C. E. Morris. Army Qtr 101:396-401 Jul '71
- A report from Bonn. (Interview with Gen Ulrich de Maiziere) G. M. Bailly-Cowell. illus NATO's Fifteen Nations 15:20-22 Dec '70-Jan '71
- The role of Belgium in NATO. Col G. B. Howard. illus Mil Rev 51:17-22 Jul '71
- The Royal Air Force and Allied Command Europe. illus NATO's Fifteen Nations 16:49-56 Oct-Nov '71
- The Royal Air Force and NATO. ACM Christopher Foxley-Norris. illus Hawk No. 32:13-18 Feb '71
- (Satellites serving the multi-language communications requirements of NATO) illus Signal 25:72-73 Apr '71
- Second communications satellite for NATO. illus NATO's Fifteen Nations 16:92-93 Jun-Jul '71
- Spain and NATO. Eugene Hinterhoff. illus Mil Rev 51:39-44 Mar '71
- U.S. military must not be isolated from mainstream of American life. (Excerpts from address, ROA National Convention, San Diego, Calif, June 17-19, 1971) ADM Charles K. Duncan (recipient of Minute Man Hall of Fame Award) illus Officer 47:9+ Aug '71
- U.S. Reserves narrowly miss CIOR victory--'71 CIOR military competitions to be in U.S. illus Officer 47:30-31 Sep '71
- Defense College
- Special edition of the NATO Defense College. illus NATO's Fifteen Nations 15: entire issue Dec '70-Jan '71
- Foreign Relations
- Africa, South
- Arms sales to South Africa--would a NATO ASW presence at the Cape be more acceptable, more effective? John Marriott. illus Armed Forces J 108:38-39 May 17 '71
- France
- France and NATO. SqLdr M. J. Matthews. illus Hawk No. 32:41-47 Feb '71
- Mediterranean Region
- The balance of power in the Mediterranean. John Marriott. illus Armed Forces J 108:34-35 May 17 '71
- Middle East
- De Lesseps' ditch--Russia will gain most. Joseph Palmer. illus Navy 14:16-19 May '71
- Spain
- NATO and Spain. Maj E. Hinterhoff. (Reprinted from NATO's Fifteen Nations, Apr-May 1970) Royal Air Forces Qtr 10:271-275 Winter '70

NORTH ATLANTIC TREATY ORGANIZATION -

Continued

History

NATO through the eyes of the younger generation.
Joggli P. Meihuizen. illus NATO's Fifteen Nations
16:101+ Apr-May '71

NORTH SEAStrategic Importance

The defense of Northwest Europe and the North Sea.
MajGen J. L. Moulton, Ret. illus maps tabs US
Nav Inst Proc 97:80-97 May '71

NORTHROP CORP

Fairchild-Hiller, Northrop to build Z-X prototypes.
illus Armed Forces J 108:17 Jan 4 '71

Northrop's (P-530) Cobra faster than MiG. AF Times
32:21 Dec 8 '71

NORTHWEST PASSAGE see Arctic Regions

NORTON, John

"Conliferation," smaller divisions, better intelligence
...and hard choices. Interview. LtGen John Norton.
illus chart Armed Forces J 108:34-35 Aug '71

TRICAP (TRiple CAPability). LtGen John Norton.
illus map chart Army 21:14-19 Jun '71

NOZZLES

Would you use this nozzle? W. J. Haynes. illus Aerosp
Safety 27:25 May '71

NUCLEAR BOMBSTesting

Communist China's nuclear sites. map tab Mil Rev
51:105 Aug '71

Operation Crossroads--the Bikini A-bomb tests,
1946. Col Kenneth L. Moll. illus map AF Mag 54:
62-69 Jul '71

NUCLEAR EXPLOSIONS

Blast effects on strategic structures. T. E. Kennedy.
illus Mil Engr 63:315-318 Sep-Oct '71

Explosive excavation--current trends. LtCol Robert
L. LaFrenz. illus tab Mil Engr 63:176-178 May-
Jun '71

History

Operation Crossroads--the Bikini A-bomb tests,
1946. Col Kenneth L. Moll. illus map AF Mag 54:
62-69 Jul '71

NUCLEAR POWER

Britain's future nuclear role. Stewart Menaul. illus
Intl Def Rev 3:433+ Dec '70

International Aspects

Action and reaction in the nuclear arms race. Colin
S. Gray. illus Mil Rev 51:16-26 Aug '71

Arms control and disarmament. Michael Howard.
NATO's Fifteen Nations 15:40-44 Dec '70-Jan '71

Future trends in global strategies. Brig K. Hunt. illus
NATO's Fifteen Nations 15:66-71 Dec '70-Jan '71

Hedging on a strategic gamble. Col Joseph E. Mucker-
man II. illus Army 21:10-16 Sep '71

Peaceful Applications

Civilian nuclear power. CAPT John W. Crawford, Jr.,
Ret. illus Mil Engr 63:167-169 May-Jun '71

NUCLEAR POWER PLANTS

Civilian nuclear power. CAPT John W. Crawford, Jr.,
Ret. illus Mil Engr 63:167-169 May-Jun '71

Environmental impact of power plants. Maj Robert
E. Donovan. illus tab Mil Engr 63:5-8 Jan-Feb '71

Nuclear power--fact and fallacy. LtCol Phillip D.
Weinert. illus Mil Engr 63:253-254 Jul-Aug '71

NUCLEAR PROPULSION

NERVA. M. T. Johnson. illus (Also cutaway) tab
Ordnance 55:360-363 Jan-Feb '71

NUCLEAR RESEARCH

Britain's future nuclear role. Stewart Menaul. illus
Intl Def Rev 3:433+ Dec '70

NUCLEAR WARFARE

A common Western nuclear doctrine? LtCol Marc E.
Geneste, Ret. illus Mil Rev 51:3-12 Sep '71

Nuclear aspects of the Sino-Soviet confrontation.
A. H. S. Candlin. illus Royal United Svc Instn J
116:45-47+ Mar '71

The Panzer Lehr and nuclear defense. LtCol Marc E.
Geneste, Ret. (Trans and condensed from a French
publication) illus Mil Rev 51:42-47 Feb '71

Tactical nuclear weapons for Europe. Gen Heinz
Trettner, Ret. (Trans and condensed from a
French publication) illus Mil Rev 51:43-49 Jul '71

The use of small nuclear weapons in war on land.
Shelford Bidwell. Army Qtr 101:295-306 Apr '71

NUCLEAR WEAPONSSee also

Missiles
Nuclear Bombs
Rockets, Nuclear Powered

Tactical nuclear weapons for Europe. Gen Heinz
Trettner, Ret. (Trans and condensed from a
French publication) illus Mil Rev 51:43-49 Jul '71

Weapons and military art. LtGen I. Zavyalov. Soviet
Mil Rev No. 8:2-4 Aug '71

Safety Measures

After SEA--some second thoughts on nuclear safety.
Maj Leslie A. Bryan, Jr. Combat Crew 22:21
Jan '71

Countering nuclear radiation at sea. J. E. Lubran.
illus Intl Def Rev 4:440-441 Oct '71

General firefighting guidance for nuclear weapons.
TIG Brief 23:13 Aug 27 '71

Human reliability. TIG Brief 23:7 Apr 9 '71

Human reliability program. TIG Brief 23:4 Aug 6 '71

Nuclear safety aid station. Regular feature in issues
of Aerospace Safety

Nuclear safety inspections. TIG Brief 23:2 Dec 3 '71

Nuclear weapon system safety--continuous process.
TIG Brief 23:10 Feb 26 '71

Revision of AFM 35-99, "Human Reliability Program."
TIG Brief 23:1 Oct 22 '71

USAF nuclear safety program. TIG Brief 23:5
Sep 24 '71

NUCLEAR WEAPONS - ContinuedChina (People's Republic)

China's military: A growing political force. Ralph L. and Helena F. Powell. illus chart AF Mag 54:43-47 Jun '71

China's strategic weakness. Neville Brown. (Revised from New Middle East, Dec 1970) illus Mil Rev 51:3-9 Nov '71

Communist China's nuclear sites. map tab Mil Rev 51:105 Aug '71

Red China's first Earth satellite. Niu Sien-Chong. NATO's Fifteen Nations 16:78+ Jun-Jul '71

Europe, Western

France and NATO. SqLdr M.J. Matthews. illus Hawk No. 32:41-47 Feb '71

France

Britain's future nuclear role. Stewart Menaul. illus Intl Def Rev 3:433+ Dec '70

Great Britain

Britain's future nuclear role. Stewart Menaul. illus Intl Def Rev 3:433+ Dec '70

Japan

Military reawakening in Japan. William Beecher. illus Army 21:10-17 Mar '71

NATO

The Atlantic Alliance: Its present problems and its aims. Nuri Birgi. NATO's Fifteen Nations 15: 31-33+ Dec '70-Jan '71

A European view of NATO strategy. Lawrence L. Whetten. illus Mil Rev 51:25-37 Sep '71

NATO's nuclear strategy and its dangers. Maj E. Hinterhoff. Army Qtr 101:136-140 Jan '71

Nuclear shield for NATO--a capability in tactical weapons will strengthen European security. Phillip A. Karber. illus Ordnance 55:529-531 May-Jun '71

Russia

Threats to U.S. and Free World security. (Excerpts from Defense Posture Statement) Melvin R. Laird. illus Def Ind Bul 7:8-11 Spring '71

Statistics

Estimates of comparative strategic strength, United States and Soviet Union: A. Nuclear strike forces; B. Growth of ICBM/SLBM strength, 1961-1971. London's Institute for Strategic Studies. Tables only. Aerosp Intl 7:99 Dec '71; AF Mag 54:99 Dec '71

Nuclear delivery vehicles 1971 (U.S. and USSR). London's Institute for Strategic Studies. Tables only. Aerosp Intl 7:100 Dec '71; AF Mag 54:100 Dec '71

NUCLEAR WEAPONS - ContinuedUnited States

Presidential control of nuclear weapons in limited war situations. (Research paper, School of Naval Warfare, 1970) CDR Hugh F. Lynch. illus Nav War Col Rev 23:71-88 Feb '71

SAC boss lists vital weaponry. Interview. Gen Bruce K. Holloway. illus AF Times 31:15 Apr '71

Statistics

Estimates of comparative strategic strength, United States and Soviet Union: A. Nuclear strike forces; B. Growth of ICBM/SLBM strength, 1961-1971. London's Institute for Strategic Studies. Tables only. Aerosp Intl 7:99 Dec '71; AF Mag 54:99 Dec '71

Nuclear delivery vehicles 1971 (U.S. and USSR). London's Institute for Strategic Studies. Tables only. Aerosp Intl 7:100 Dec '71; AF Mag 54:100 Dec '71

NURSE CORPSAir Force--U.S.

See also
Flight Nurses

First midwife (Capt Clara B. Ryder) goes on duty. AF Times 31:3 Mar 31 '71

More males joining USAF Nursing Corps. AF Times 31:20 Feb 3 '71

Nurses suggest dropping rank. Jim Sample. AF Times 31:14 Feb 17 '71

Armed Forces--Vietnam (Republic)

Witchcraft helping doctors treat Viets. AF Times 31:18 Jan 6 '71

Army--U.S.

The most beautiful girl in the world (U.S. Army nurse). illus Soldiers 26:48-51 Nov '71

NUTRITION

Chaos in the cracker barrel--some honest answers to your questions about food and nutrition. Philip L. White. illus Review 50:27-28+ Mar-Apr '71

NUTTER, G. Warren

Defense and the economy. (From address, Western Economic Assoc Annual Meeting, Davis, Calif, Aug 28, 1970) G. Warren Nutter. AF Plcy Ltr for Comdrs: Sup No. 2:14-18 Feb '71

Long-range planning for peace. (Address, Dayton Council on World Affairs, Dayton, Ohio, Jan 29, 1971) G. Warren Nutter. AF Plcy Ltr for Comdrs: Sup No. 3:8-13 Mar '71

OCS see Officer Candidate Schools

OEP see Office of Emergency Preparedness

OER see Effectiveness Reports

OJT see On-the-Job Training

OSI see Office of Special Investigations

OTS see Officer Training School

OATHS

Public law and the military commander: Responsibility and authority. (Address, Patrol Sq 26 Change of Command, 1971?) VADM Gerald E. Miller. illus Nav War Col Rev 24:21-26 Oct '71

Soviet military ceremonies. Col N. Vasilyev. illus Soviet Mil Rev No. 10:22-24 Oct '71

OBESITY see Physical Fitness

OBSERVATORIES

See also

Space Observatories

OCEANOGRAPHY

See also

Marine Resources
National Oceanic and Atmospheric Administration Project--Tekite
Satellites, Artificial--Oceanographic Applications
Underwater Research

Environmental considerations in naval operations. (Lecture, Naval War College, 1971) RADM William W. Behrens, Jr. illus Nav War Col Rev 24:70-77 Sep '71

Mapping sand deposits in the ocean. Capt Michael E. Field. illus Mil Engr 63:384-385 Nov-Dec '71

National Data Buoy Project nears system testing phase. (Interview with Capt Virgil W. Rinehart) Samuel Stafford. illus Govt Exec 3:47+ Aug '71

The National Ocean Survey. illus Mil Engr 63:401-402 Nov-Dec '71

The National Shoreline Study. John B. McAleer. tab Mil Engr 63:403-404 Nov-Dec '71

Nikolay Zubov--Russia's newest oceanographic class ships. CDR Robert D. Plunkett, Ret. illus US Nav Inst Proc 97:97-99 Feb '71

Ocean surveying with a manned submersible. Roswell F. Busby. illus Mil Engr 63:1-4 Jan-Feb '71

Oceanography for the Navy and the nation. RADM W. W. Behrens, Jr. illus Signal 26:26-29 Oct '71

Oceanography without ships: Sea study from outer space. illus Navy 14:24-25 Jan '71

Under NOAA's umbrella--can we control the weather? (Interview with Robert M. White) Larry Booda. illus Sea Power 14:24-29 Sep '71

U.S. oceanic programs and policy. (Lecture, Naval War College, 1970) A. Denis Clift. illus Nav War Col Rev 23:24-30 Jan '71

Exhibitions

Interocean '70--Germany's first oceanology exhibition. illus map Intl Def Rev 4:52-54 Feb '71

OCEANOGRAPHY - Continued

Military Applications

Environmental considerations in naval operations. (Lecture, Naval War College, 1971) RADM William W. Behrens, Jr. illus Nav War Col Rev 24:70-77 Sep '71

OFFICE OF AEROSPACE RESEARCH

See also

Office of Scientific Research

OFFICE OF AIR FORCE HISTORY

The Office of Air Force History. illus Aerosp Hist 18:2 Mar '71

The Office of Air Force History acquires new head (MajGen Robert N. Ginsburgh). illus Aerosp Hist 18:115 Sep '71

OFFICE OF EMERGENCY PLANNING see Office of Emergency Preparedness

OFFICE OF EMERGENCY PREPAREDNESS

Fuels and Energy Seminar. (DSA Convention, 1971) Gene T. Kinney and others. illus Review 51:31-32+ Nov-Dec '71

OFFICE OF INFORMATION--AIR FORCE

Review, clearance of Department of the Air Force information. TIG Brief 23:3 Mar 12 '71

OFFICE OF NAVAL OPERATIONS

Fundamental changes in the Navy. Interview. RADM Harry L. Harty, Jr. illus charts Govt Exec 3:39+ Aug '71

OFFICE OF PERSONNEL OPERATIONS--ARMY

EPD (Enlisted Personnel Directorate) has plans for you. SP5 Peter A. Greene. illus Soldiers 26:44-46 Aug '71

OFFICE OF SCIENTIFIC RESEARCH

GAO faults going afield in scientific research. AF Times 31:6 Feb 17 '71

OFFICE OF SPECIAL INVESTIGATIONS

OSI agents train Viets to fight espionage, crime--VNAF modernization. AF Times 31:16 Jun 23 '71

OFFICE OF TELECOMMUNICATIONS POLICY

OTP announces policy on overseas air traffic control. Signal 25:63 Mar '71

OTP's (Clay T.) Whitehead sets fast pace for new agency, but problems proliferate. Samuel Stafford. Govt Exec 3:44-47 Dec '71

On the new Office of Telecommunications Policy: Where communicators communicate. Clay Whitehead. Signal 25:20-22 Feb '71

OFFICER CANDIDATE SCHOOLS

Army

The assault on ROTC: Are we trying to stop the war machine by getting rid of the brakes? Ward Elliot. illus Army 21:35-38 Feb '71

An up-to-date system for procuring officers. Capt T. R. O'Neill. Army 21:52-53 Jun '71

OFFICER CANDIDATE SCHOOLS - ContinuedMarine Corps

OCS views professionalism. Col H. E. Ing, Jr and others. illus MarCor Gaz 55:40-43 Mar '71

Schools for OCS commanders. 1stLt Donald E. Elkins. MarCor Gaz 55:55 May '71

National Guard--Army

Observe and learn (at Fort Benning, Ga). MSgt William R. Wilson. illus Natl Guardsman 25:24-25 Jun '71

Navy

The leadership lab concept--a new approach. LT Robert J. Brudno. illus US Nav Inst Proc 97:85-86 Feb '71

OFFICER EFFECTIVENESS REPORT see Effectiveness ReportsOFFICER TRAINING SCHOOL

Airmen ignore new OTS plan. George Foster. AF Times 32:1+ Sep 8 '71

EM get new way to OTS. George Foster. AF Times 31:1+ May 12 '71

Half of EM bound for OTS in '72 to get missile field. AF Times 31:3 May 26 '71

Many first-termers apply for commissioning slots. AF Times 32:25 Oct 20 '71

Many OTS applicants prompted by draft. AF Times 31:5 Jul 21 '71

Practical Application Laboratory (at OTS, Lackland AFB, Tex). Capt Donald F. Giglio. USAF Instrs J 8:43-46 Spring '71

Statistics

409 OTS grads win bars. AF Times 32:21 Nov 17 '71

469 end OTS. AF Times 32:11 Dec 8 '71

OTS graduates 291. AF Times 31:17 Jan 13 '71

Officer input rise set--OTS to provide bulk. AF Times 31:3 May 5 '71

111 OTS grads win bars. AF Times 31:41 Jul 14 '71

195 graduated by OTS; 2 ex-airmen top class. AF Times 31:66 Jun 9 '71

348 OTS grads commissioned. AF Times 32:19 Aug 18 '71

364 in OTS win bars. AF Times 31:22 Mar 31 '71

361 OTS graduates win bars. AF Times 31:16 Apr 21 '71

328 OTS grads commissioned. AF Times 31:22 Mar 17 '71

324 new (AF) officers pin on bars (from OTS). AF Times 32:37 Oct 6 '71

322 OTS grads named for commissions. AF Times 32:19 Oct 27 '71

252 OTS grads commissioned. AF Times 31:35 Jan 27 '71

274 win bars through OTS. tab AF Times 31:16 May 12 '71

WAF (Elizabeth A. Dziatkiewicz) tops class of (425) OTS graduates. AF Times 32:33 Sep 8 '71

OFFICERSSee also

Commanding Officers
Flag Officers

General Officers
Staff Officers

Air Force--Great Britain

Opportunities for graduates in the RAF. WgComdr A. G. T. James, Ret. illus Royal Air Forces Qtr 11:219-223 Autumn '71

History

From the Archives--how the Royal Air Force officer rank titles were devised. E. B. Haslam. Royal Air Forces Qtr 11:225-228 Autumn '71

Air Force--Israel

The Israeli pilot--qualities and motivations. Gad Soffer. illus NATO's Fifteen Nations 16:82-84 Aug-Sep '71

Air Force--U. S.

AF selects 1,269 for FY 72 AFIT program. Armed Forces J 108:43 Jan 4 '71

AU: 3 schools, 3 functions--grooming AF's best officers. George Foster. AF Times 31:22 Jun 23 '71

Administrative separation of AF commissioned officers and warrant officers. TIG Brief 23:10 May 21 '71

Antiwar officers can resign now. George Foster. AF Times 32:1+ Sep 1 '71

Bars for NCOs boosted. Bruce Callander. AF Times 32:13 Sep 29 '71

Boards to weigh Reg(ular) AF eligibles. Ed Gates. AF Times 32:1+ Sep 29 '71

Defense approval awaited on grade relief proposal. George Foster. AF Times 32:50 Dec 15 '71

Dissenting officers must show 'proof.' AF Times 32:2 Sep 29 '71

'Dream sheets' on file. AF Times 32:2 Nov 3 '71

Early exit offered to 4,000 officers. George Foster. AF Times 32:1+ Dec 22 '71

FY-71 temporary O-6 list cleared; O-3s, 4s go up. AF Times 31:6 Jun 9 '71

FY 72 officer temporary promotion program. tab Contact 25:26 May-Jun '71

Field-grade hikes received by 255. AF Times 32:8 Sep 8 '71

558 nominated for Regular AF. tab AF Times 31:10 May 26 '71

527 rated win Reg(ular) AF berths. tab AF Times 31:42 Jun 17 '71

5600 to win O-4,5,6. George Foster. AF Times 31:1+ Apr 7 '71

59% win hike to O-4. George Foster. AF Times 31:1+ Feb 3 '71

499 officers due for October hikes. AF Times 32:2 Oct 6 '71

Hikes to O-4,5,6 look rosy in '72. George Foster. AF Times 31:1+ Feb 10 '71

JOC doings--community help varies. AF Times 31:42 May 12 '71

OFFICERS - ContinuedAir Force--U.S. - Cont'd

London protest trial--anti-war officer (Capt Thomas L. Culver) fined. AF Times 31:5 Jul 28 '71

The many sides of officer ratings. George Foster. AF Times 31:13 Mar 31 '71

950 win eagles: 124 advance now. AF Times 31:8 Jul 7 '71

1931 named for permanent 1(lieutenant c(olonel). tabs AF Times 31:19-20 May 5 '71

O-4, 5, 6 hikes set at 23,150. George Foster. tabs AF Times 31:1+ May 5 '71

Officer assignment. TIG Brief 23:9 May 21 '71

Officer career plans meshing. George Foster. AF Times 31:13 Feb 10 '71

Officer ceiling request to go to Congress soon. AF Times 31:19 Jul 21 '71

Officer DOS plans. Table only. AF Times 31:4 Feb 3 '71

Officer loss 'must slow.' George Foster. AF Times 31:1+ Jan 27 '71

Officer reforms planned--earlier hikes, big bonuses. Bob Schweitz. AF Times 31:1+ Jan 20 '71

Officer retraining opportunities. TIG Brief 23:5 Aug 27 '71

The officer temporary promotion program. LtCol Paul C. Zinsmeister, Jr. tab AF Plcy Ltr for Comdrs: Sup No. 1:11-13 Jan '71

Officer volunteers sought in several career areas. AF Times 31:22 Jul 7 '71

Officers advance August 1. George Foster. AF Times 31:1+ Aug 4 '71

Officers differ on retirement--recent retirees polled. AF Times 32:11 Sep 29 '71

189 doctors rise to O-5, 6--liberalized criteria. AF Times 31:8 Jan 20 '71

125 'fast burners' get O-4 leaves. AF Times 31:4 Feb 3 '71

Poll asks, 'Why go Air Force?' 'Job satisfaction' ranks no. 1. AF Times 32:10 Dec 15 '71

The power and politics of lieutenantancy. (From address, AFROTC commissioning ceremonies, UCLA, June 22, 1970) Col Robert M. Krone. AF Plcy Ltr for Comdrs: Sup No. 1:16-23 Jan '71

ROPA O-4s chosen--includes 121 actives. AF Times 31:6 Jan 20 '71

Rated officer review system. TIG Brief 23:6 Jun 18 '71

Reg(ular) AF lure soars. George Foster. AF Times 32:1+ Aug 11 '71

Reg(ular) AF majors picked. AF Times 32:2 Oct 13 '71

Screening requested by JOCs. AF Times 31:9 May 19 '71

718 win selection for permanent O-6. AF Times 31:51 Jun 30 '71

Shift notice ends officer options. AF Times 31:3 Jul 14 '71

Slander suit lost by Maj (Giles A. Wanamaker, Jr). AF Times 32:5 Sep 1 '71

OFFICERS - ContinuedAir Force--U.S. - Cont'd

Temporary promotion of commissioned and warrant officers. TIG Brief 23:10 May 21 '71

13th AF junior officers cite 'irritants' at meeting. AF Times 32:52 Dec 8 '71

300 officers set for 'Palace Vista.' AF Times 31:8 Feb 24 '71

12,000 (officer) jobs require advanced degrees. AF Times 31:13 Jul 14 '71

What is a weapons officer? Maj Robert H. Baxter. illus USAF Ftr Wpns Rev No. 1:10-15 Spring '71

Year groups and DOR. AF Times 31:13 May 19 '71

Statistics

Air Force promotions to drop sharply in FY 72. tabs Armed Forces J 108:11-12 Mar 1 '71

Blacks gain in 'Top 3.' Tony McHale. tab AF Times 31:1+ Feb 10 '71

Most Regulars serving above permanent grade--many Reserves don't. tab AF Times 31:5 Feb 17 '71

Officer input rise set--OTS to provide bulk. AF Times 31:3 May 5 '71

Pilots score best --3084 selected for 1(lieutenant) c(olonel). George Foster. AF Times 32:1+ Sep 22 '71

Ryan explains officer-to-EM ratio changes. AF Times 31:22 Jul 7 '71

Armed Forces--Great Britain

British officer recruiting. Col Norman L. Dodd, Ret. illus Mil Rev 51:37-42 Jul '71

Armed Forces--Russia

Officer training. (Interview with ColGen K. Ambaryan) Col A. Kravchenko. illus Soviet Mil Rev No. 5:9-12 May '71

History

Officer training during the War (1941-1945). MajGen N. Bobkov. illus Soviet Mil Rev No. 9:34-36 Sep '71

Armed Forces--U.S.

Hill asks review of senior ranks--too many eagles, stars? Bob Horowitz. AF Times 32:1+ Nov 24 '71

The officer corps in an all-volunteer Force: Will college men serve? (A group research project) Col Robert L. Nichols and others. tabs illus Nav War Col Rev 23:31-50 Jan '71

Retirees in industry--'dangerous.' AF Times 32:58 Oct 13 '71

Armed Forces--Vietnam (Republic)

Vietnam Armed Forces Infantry School. Col Donald H. Lanier. illus Infantry 61:42-43 Sep-Oct '71

Army--China (People's Republic)

Who is the commissar: Political officers in the Chinese Communist Army. (Research paper, College of Naval Warfare) Kenneth C. Cathey. illus Nav War Col Rev 24:55-72 Nov '71

OFFICERS - ContinuedArmy--Great Britain

The Staff College, the General Staff and the test of war, 1914-1915. (Condensation of final chapter from A School of Thought: The Staff College and the Development of the British Army, 1854-1914) Brian Bond. Royal United Svcs Inst for Def Studies J 116:38-43 Sep '71

History

The value of a commission. Maj D.M.R. Esson. tabs Army Qtr 101:330-341 Apr '71

Army--Russia

Armour and the Russian officer. Bryan Perrett. Army Qtr 101:186-194 Jan '71; Condensation. Mil Rev 51:70-79 Aug '71

For an officer taking up service. Col A. Shorokhov. illus Soviet Mil Rev No. 8:23-25 Aug '71

Loyal sons of the people. (Interview with K.S. Moskalenko) illus Soviet Mil Rev No. 9:2-5 Sep '71

The making of an officer. Capt V. Aidarov. illus Soviet Mil Rev No. 1:37-40 Jan '71

Army--U.S.

The aggressive professional versus the passive non-professional. Capt Joseph A. de Blaquiére. illus Infantry 61:40-41 May-Jun '71

Army about to lose automatic O-3 hike. AF Times 31:5 Feb 17 '71

Army tells rules for hike boards. AF Times 32:20 Aug 11 '71

Command and staff: Personnel management problems. Maj Nelson L. Marsh. illus tab USA Avn Dig 17: 1-7 Jan '71

Developing Army Aviation officers. Maj Robert S. Fairweather, Jr. illus USA Avn Dig 17:15-17 Feb '71

The elusive concept of honor. Capt Wesley K. Clark. illus Armor 80:22-25 Sep-Oct '71

Officer corps reform is our job. LtCols William L. Hauser and Zeb B. Bradford, Jr. illus Army 21:34-39 Dec '71

Paging unsung heroes. (Post-Vietnam troops with serious moral and discipline problems) Maj Lewis Higinbotham. AF Times, Family sup:6-8+ Dec 1 '71

Relieved of command. LtCol Martin Blumenson. illus Army 21:30-37 Aug 71

Too nice a guy to be a captain? Capt Charles F. Moler. illus Armor 80:6-8 Jul-Aug '71

An up-to-date system for procuring officers. Capt T.R. O'Neill. Army 21:52-53 Jun '71

The vital role of the small unit leader. Gen Bruce Palmer, Jr. illus Army 21:23-25 Oct '71

What's wrong with being an expert? (Disadvantage of Army's reassignment policy) BrigGen Lynn D. Smith, Ret. Army 21:26-29 Nov '71

Marine Corps--U.S.

Getting a few good men. Capt C. Robert Stachter II. MarCor Gaz 55:52-53 Oct '71

HQMC couldn't care more (1st MC wide company grade officers' symposium). LtCol David L. Althoff. illus MarCor Gaz 55:57-58 Nov '71

OFFICERS - ContinuedMarine Corps--U.S. - Cont'd

How to aid officer retention. Capt Marvin T. Hopgood, Jr. illus MarCor Gaz 55:21-27 Jan '71

The malady of resistance to change. Maj C.J. Wolk. illus MarCor Gaz 55:37-39 Dec '71

Professional military education. Maj R.K. Ryman. illus MarCor Gaz 55:44-46 Mar '71

Somebody up there cares. Maj G.C. Kemp. illus MarCor Gaz 55:31-35 Aug '71

What some officers believe. 1stLt T.K. Shaw. MarCor Gaz 55:48-49 Jun '71

National Guard--Air Force--U.S.

Blazing the gold bar trail. (New ANG Officers' Preparatory Academy, McGhee Tyson Airport, Knoxville, Tenn) Capt Gary A. Guimond. illus Airman 15:34-36 Sep '71

To prepare the man (Officer Preparatory Academy, McGhee Tyson AB, Tenn). CMSgt Paul Lankford. illus Natl Guardsman 25:16-19 Jun '71

National Guard--Army--U.S.

Army Guard's major-to-lieutenant colonel selection rate sags. Natl Guardsman 25:14-15 Apr '71

More Guard slots open for ROTC graduates. Natl Guardsman 25:12 Jun '71

(National Guard) Bureau clarifies personnel reg for officers in Army Guard. Natl Guardsman 25:11 Jun '71

Navy--Great Britain

Fighting seamen of the seventies. Joseph Palmer. NATO's Fifteen Nations 16:59+ Oct-Nov '71

Navy--Russia

The blue water Soviet naval officer. CAPT Sumner Shapiro. illus US Nav Inst Proc 97:18-26 Feb '71

Navy--U.S.

The Academy's alpine sailors (Navy officers at USAFA). PHC James E. Markham. illus Airman 15:41 Aug '71

From cockpit to conn. CAPT Robert F. Hunt. illus US Nav Inst Proc 97:48-55 Apr '71

Junior officer retention--a lot of little things. LT Malcolm S. Harris. illus US Nav Inst Proc 97: 26-31 Mar '71

Major command. RADM G.S. Morrison. illus US Nav Inst Proc 97:14-17 Aug '71

The naval officer's career--"exigencies of the Service." CAPT Robert H. Smith, Ret. illus US Nav Inst Proc 97:18-26 Oct '71

Navy announces new special program for junior officer group. Officer 47:27 Sep '71

Navy names 1,690 for promotion. tabs Armed Forces J 108:15+ Jan 18 '71

Navy selects 129 for augmentation. Armed Forces J 108:43 Jan 4 '71

Navy selects 329 for designator changes. tabs Armed Forces J 108:14+ Feb 15 '71

The quiet crisis in the silent service. CAPT Tom B. Thamm. illus US Nav Inst Proc 97:50-58 Aug '71

OFFICERS - ContinuedNavy--U. S. - Cont'd

The silent vote. LTJG F. G. Dengler. illus US Nav
Inst Proc 97:34-37 Feb '71

Special duty officer for systems analysis: A proposal.
LCDR John S. Gubbings. illus Nav War Col Rev
24:17-24 Nov '71

Reserve Forces--Air Force--U. S.

AFRes ends 'unit' hikes to colonel. AF Times 32:3
Aug 25 '71

Administrative separation of AF commissioned offi-
cers and warrant officers. TIG Brief 23:10
May 21 '71

Air Force Academy's 'foster' alumni (liaison offi-
cers). illus Air Reservist 23:12-13 May-Jun '71

891 non-AF Reserves named for ROPA major. AF
Times 31:5 Jan 27 '71

1500 to compete for Reg(ular) AF--'70 acceptance
rate rises. AF Times 31:3 Jan 13 '71

Force-out hits 438 captains. George Foster. AF
Times 31:1+ Mar 3 '71

Non-ADs favored for ROPA 1(lieutenant) c(olonel).
AF Times 31:20+ May 5 '71

65 Reserve lieutenant colonels picked for Regular
commissions. AF Times 32:6 Dec 1 '71

10 year groups receive Reg(ular) AF selection chance.
George Foster. AF Times 32:1+ Aug 25 '71

13 on Hill may lose AF Reserve status. AF Times
31:2 Apr 21 '71

Statistics

1400 in line for Reg(ular) AF. AF Times 31:5
Feb 17 '71

Most Regulars serving above permanent grade--many
Reserves don't. tab AF Times 31:5 Feb 17 '71

Reserve Forces--Armed Forces--U. S.

Many Reserve officers facing force-out from active
duty. Officer 47:25 Mar '71

Reserve Forces--Army--U. S.

Pre-commission course offers new source for Re-
serve officers. Officer 47:28 Jan '71

Reserve Components service. LtCol Charles W.
Lawrence. illus Infantry 61:10-13 Nov-Dec '71

Reserve officer tours cut 2 months by Army. AF
Times 32:10 Sep 15 '71

Reserve Forces--Marine Corps--U. S.

Marine Corps convenes RIF board. Armed Forces J
108:12-13 Mar 1 '71

Reserve Forces--Navy--U. S.

Navy selects 329 for designator changes. tabs Armed
Forces J 108:14+ Feb 15 '71

OFFICERS CLUBS

Civilian club managers found "too expensive." AF
Times 31:20 Jan 6 '71

Club duty offered. AF Times 31:15 Mar 31 '71

Club funds overhaul called for. Bob Horowitz.
AF Times 32:1+ Nov 10 '71

OFFICERS CLUBS - Continued

Club investigators ask few changes. AF Times 32:54
Nov 24 '71

Rules on slot machines given in revised manual (AFM
176-3). AF Times 32:22 Aug 25 '71

Slots loss to up prices--overseas clubs hit hard.
Tom Wuriu. AF Times 31:1+ Jun 9 '71

Directories

Washington officers clubs: A basic guide. Brooke
Nihart. Armed Forces J 109:40-42 Sep '71

OHMAN, Nils O.

Headquarters Command, USAF. por AF Mag 54:107-
109 May '71

OIL see Lubrication and Lubricants; Petroleum;
Petroleum Industry and Trade

OKINAWA

Highways for Okinawa. Joseph W. Guyton and others.
illus tab map Mil Engr 63:270-272 Jul-Aug '71

Okinawa prepares for its return. Paul A. Neuland.
illus Army Dig 26:56-60 Mar '71

Okinawa reversion. MajGen Wesley C. Franklin and
Col C. Stuart Townshend. illus map Signal 25:98-
100+ Jun '71

OLDFIELD, Barney

Something (not so funny) happened to airpower on the
way to the (AF) Museum (Wright-Patterson AFB,
Ohio). Col Barney Oldfield, Ret. illus NATO's
Fifteen Nations 16:76-81 Aug-Sep '71

OLDS, Robin

BrigGen Robin Olds new director of aerospace safety.
por Aerosp Safety 27:1 Mar '71

OMEGA

Litton delivers first "Omega" transmitter for world-
wide navigation network. NATO's Fifteen Nations
16:95 Aug-Sep '71

ON-THE-JOB TRAINING

Computer-assisted OJT. 1stLt Russell J. Hibler.
illus USAF Instrs J 9:59-62 Fall '71

Easy-to-follow mechanic manuals tested. AF Times
32:21 Sep 22 '71

Job training--on duty (Project Transition) Sgt1C
Carl Martin. illus Soldiers 26:60-61 Sep '71

On-the-Job Training (OJT). TIG Brief 23:7 Mar 26 '71

On-the-job training--skill-level advancement. TIG
Brief 23:6 Jul 2 '71

Pollution control jobs await vets. AF Times 32:51
Dec 15 '71

OPERATION

See also
Exercise

Bootstrap

'Bootstrap' rules ease. George Foster. AF Times
31:6 Feb 17 '71

School (University of Albuquerque) to start Bootstrap
plan. AF Times 31:40 Mar 31 '71

OPERATION - ContinuedCommando Vault

Extensive precautions taken with giant bomb. SMSgt Daryl Shepherd. AF Times 32:18 Aug 25 '71

Deep Freeze

Operation, Deep Freeze--MAC flies 500 to Antarctic site. AF Times 32:48 Dec 1 '71

Market Time

The naval war in Vietnam, 1950-1970. CDR R. L. Schreadley. illus maps US Nav Inst Proc 97: 180-209 May '71

Ranch Hand

Burma poppies first Ranch Hand target? Armed Forces J 109:21-22 Nov '71

Ranch Hand may ride again: Opium poppies the target? Brooke Nihart. illus Armed Forces J 108: 19-20 Jul 5 '71

Weapons of "civilised" barbarians. Maj L. Nechayuk. illus Soviet Mil Rev No. 8:52-54 Aug '71

OPERATIONAL READINESSSee also

Combat Readiness

AMTAG (Air Movements Tactical Airlift Group) agency ensures high degree of readiness. E. R. Reed. Tac Alft 1:25-26 Jul '71

A combat crew production function. LtCol Herman L. Gilster. illus tabs AU Rev 23:47-58 Nov-Dec '71

Equipment readiness. Maj Jerome G. Peppers, Jr, Ret. AU Rev 22:71-74 Jul-Aug '71

Fire a bird. Lt Dale D. Glendening. illus Army Dig 26:27-29 May '71

NORS/NFE validation program. TIG Brief 23:12 Jan 29 '71

ORI. Regular feature in issues of Interceptor

Putting first things first. TIG Brief 23:2 Feb 12 '71

"Super" inspections? TIG Brief 23:2 Apr 23 '71

Westmoreland jogs Guard, USAR advisors to aid readiness. Natl Guardsman 25:11-12 Jun '71

OPERATIONAL RESEARCHSee also

Systems Analysis

Operations research for the executive. Henry Ludmer. Review 51:25-26+ Jul-Aug '71

The thinking behind the MRCA. illus Air Pict 33:315 Sep '71

OPERATIONAL TEST AND EVALUATION

The new TAWC. chart Tac Air Warfare Cen Qtr Rpt 2:4-7+ Autumn '71

Operational testing. Jacob A. Stockfisch. illus Mil Rev 51:66-82 May '71

Operational testing & evaluation. Don L. Giadrosich. illus Tac Air Warfare Cen Qtr Rpt 2:20-28 Autumn '71

The reconnaissance renaissance. Capt James T. Thomes. illus Tac Air Warfare Cen Qtr Rpt 2:12-15+ Autumn '71

OPERATIONS, MILITARY

Soviet exercises: Publicity plays a part. John Marriott. Armed Forces J 108:20-21 May 3 '71

OPERATIONS ORDERS see OrdersOPTICSSee also

Lasers

Aerospace physiological optics: 1. Depth perception. R. C. Karlsberg and others. illus tabs Aerosp Med 42:1080-1085 Oct '71

ORDER OF THE DAEDALIANS

(U.S.) Army (Aviation Center, Fort Rucker, Ala) given Daedalian (Weapons System) Award. illus USA Avn Dig 17: inside back cover Aug '71

ORDERSArmed Forces

A plea of superior orders. CDR M. L. Duke. illus MarCor Gaz 55:34-39 Mar '71

ORDNANCE

The need for teamwork. David Spear. Ordnance 56:206-208 Nov-Dec '71

ORGANIZATIONSee also subdivision under specific subjects,

e. g.,

Defense Dept--U. S. --Organization

Organizational demands and the modern executive. (Based on address, Industrial College of the Armed Forces, Washington, Feb 6, 1970) Peter F. Drucker. Fld Artilleryman, pp 42-52, Mar '71

Organizing for support of the product (at Grumman). Edward Dalva. illus charts Log Spectrum 5:2-8 Winter '71

What is an organization? James C. Stephens. illus Armed Forces Compt 16:28-31+ Fall '71

OVERALL EFFICIENCY INDEX see Effectiveness Reports--ArmyOVERSEAS DUTY

Air Force PCS moves cut. Armed Forces J 108:14 Feb 15 '71

BAQ, o'seas pay linked--one rises, other falls. Bob Schweitz. tabs AF Times 31:1+ Apr 7 '71

Concurrent travel can prove costly. AF Times 31:22 Jul 21 '71

Dependent support privileges. TIG Brief 23:4 Apr 23 '71

EM assigned abroad due close scrutiny. Bruce Callander. AF Times 32:1+ Dec 8 '71

Earlier-notice plan delayed. AF Times 31:8 Jun 2 '71

Effects of PCS policy viewed--chain reaction triggered. AF Times 31:19 Feb 24 '71

First-termers get choice of COTs. AF Times 32:5 Sep 8 '71

Housing rates o'seas to rise. Randall Shoemaker. AF Times 32:1+ Dec 8 '71

Increase likely in shipment limit (on) household goods (going overseas). AF Times 3:3 Jun 2 '71

OVERSEAS DUTY - Continued

Limit on shipment raised for some (for) o'sea furnished quarters. AF Times 31:3 Jun 9 '71

Most won't gain from BAQ raise. AF Times 32:4 Nov 17 '71

Move notices advance. AF Times 32:2 Nov 17 '71

New system to speed notice of o'sea moves. AF Times 32:4 Sep 8 '71

New way to pass the buck (cashier teams for pay distribution for USAF 48th Tactical Fighter Wg in England). Maj Richard F. Bishop. illus Airman 15:21-22 Jun '71

No cut seen in four-year overseas tour. AF Times 31:58 Jul 7 '71

O'sea pay won't rise--allowances frozen. AF Times 32:3 Sep 8 '71

O'sea tours shortened--'73 retirees get break. AF Times 31:5 Aug 4 '71

'Raises' erased oversea. Bob Schweitz. AF Times 31:1+ Jul 21 '71

Retrained EM must use o'sea imbalanced skills. AF Times 31:22 Jul 21 '71

Sad site 'shuttles' to end. Bruce Callander. AF Times 32:1+ Oct 20 '71

Standard overseas tour lengthened to 48 months. Contact 25:20 Mar-Apr '71

Tour rules for travel of kin clarified. AF Times 31:17 Jul 21 '71

Versions of bill also vary COLA. AF Times 31:4 Jun 9 '71

Asia, Southeastern

Critical SEA skills listed. AF Times 32:8 Dec 8 '71

Fewer to take second SEA Tour. Bruce Callander. AF Times 32:1+ Nov 10 '71

40 EM skills set for 2d SEA tour. AF Times 32:1+ Sep 1 '71

Limit of 48 months set for total service in SEA. AF Times 32:5 Nov 24 '71

Return-to-SEA forecast cut. AF Times 31:3 Feb 24 '71

SEA critical skills resource list revised. AF Times 31:22 Aug 4 '71

Volunteers needed for SEA aircrews. AF Times 31:6 May 19 '71

Europe, Western

AFCENT (planning side for NATO) proves popular tour. TSgt Dick Larsen. illus AF Times 32:22 Oct 20 '71

Germany (Federal Republic)

Fit to fight. SP4 Tom Bailey. illus Army Dig 26: 12-19 Feb '71

Insurance to stay high in Germany. Larry Phillips. AF Times 32:15 Dec 15 '71

The way it is. SP4 Tom Bailey. illus Army Dig 26: 20-22 Feb '71

OVERSEAS DUTY - ContinuedIceland

Living in Iceland. Andrew Schneider. illus AF Times Family sup:10-12+ Nov 3 '71

Italy

Slash in living allowance hits servicemen in Italy. AF Times 32:10 Nov 17 '71

Korea

Loneliest outpost (United Nations Command, DMZ, Korea). SP5 Stephen N. Gall. illus Soldiers 26: 36-37 Aug '71

Korea (Republic)

Getting oriented to the Orient. Bob Ball. illus Army Dig 26:46-47 Jan '71

Saudi Arabia

Tour of a different color (Saudi Arabia). Capt George D. Burdette. illus USA Avn Dig 17:4-7+ Oct '71

Vietnam (Republic)

Draft lack perils Viet tax breaks. Bob Schweitz. AF Times 31:1+ Jul 28 '71

OVINGTON, Richard J.

You can learn to listen. Richard J. Ovington. por Armed Forces Compt 16:30-34 Summer '71

OWEN, Edwin B.

Imagination + expertise = dollars saved. BrigGen E. B. Owen. illus Translog 2:2-4 Aug '71

OXYGEN

Changes in vital capacity produced by oxygen breathing during immersion with the head above water. U. I. Balldin and others. tabs Aerosp Med 42: 384-387 Apr '71

Control of ventilation in underwater swimmers: The effect of intermittent exposure to hyperbaric O₂. L. J. Greenbaum, Jr and others. illus tab Aerosp Med 42:9-12 Jan '71

Helium-oxygen saturation diving: II. Serum chemistries and urinalyses. James Vorosmarti, Jr and others. illus tabs Aerosp Med 42:13-16 Jan '71

Influence of oxygen and carbon monoxide concentrations on blood carboxyhemoglobin saturation. F. Lee Rodkey and others. tabs Aerosp Med 42:1274-1278 Dec '71

OXYGEN EQUIPMENT

The modified cryogenic oxygen tanks for Apollo 14. illus (Also cutaways) Space World H-6-90:14-17 Jun '71

PACAF see Pacific Air Forces

PASTRAM see Passenger Traffic Management System

PCS see Permanent Change of Station

PPBS see Planning-Programming-Budgeting System

PACE, Frank, Jr

(Ninth Pace Award to LtCol William B. Holden and Mr James Dunn) por Signal 25:108 Aug '71

PACIFIC AIR FORCES

Clay to command PACAF; Lavelle gets top SEA job (and other star retirements and reassignments announced). AF Times 31:3 May 19 '71

Nazzaro retires as PACAF chief (and Gen Lucius D. Clay, Jr will replace him). illus AF Times 31:21 Jul 28 '71

Pacific Air Forces. illus chart AF Mag 54:67-71 May '71

They all come clean (at PACAF corrosion control facility, Kadena, Okinawa). Ed Blair. illus Airman 15:36-39 Jun '71

PACIFIC COMMAND

Four Communist nations pose threats in Pacific. (From address, ROA National Convention, San Diego, Calif, June 17-19, 1971) MajGen R. P. Keller for ADM John S. McCain. Officer 47:6 Aug '71

Managing Pacific Command excesses. (Army's Pacific Utilization and Redistribution Agency) Maj Lee W. Williams. illus Army Log 3:16-18 Nov-Dec '71

PACIFIC FLEET see Fleet, 7th

PACIFIC ISLANDS

Strategic Importance

Commercial aviation and the colonization of the Equatorial islands, 1934-1936. Francis X. Holbrook. illus Aerosp Hist 17:144-149 Dec '70

PACIFIC OCEAN

Strategic Importance

A "new" China policy? Eldridge B. Duffee, Jr. illus US Nav Inst Proc 97:18-23 Jul '71

PACIFIC REGION

Economic Conditions

Transportation aids activity boom in Pacific Basin. Henry S. Marcus. illus Def Trans J 27:34-37 Sep-Oct '71

PACKAGING see Containers

PACKARD, David

Army and Navy will develop own HLHs (Heavy Lift Helicopters)--if congressional criticism satisfied. Brooke Nihart. illus Armed Forces J 108:28-29+ Jun 7 '71

DOD lists logistics systems policy objectives in response to the Blue Ribbon Defense Panel report. Review 50:29 May-Jun '71

PACKARD, David - Continued

Defense and industry must do a better job. David Packard. por Def Ind Bul 7:3-4 Fall '71

Defense management. por Govt Exec 3:40+ Apr '71

DepSecDef defends HLH award. Armed Forces J 108:22 Jun 21 '71

Major defense systems acquisition. Interviews. David Packard, John S. Foster, Jr and Barry J. Shillito. Ordnance 56:198-201 Nov-Dec '71

New policies in defense systems acquisition. (Address, DOD-NSIA Symposium briefings, Washington, Aug 11, 1971) David Packard. AF Plcy Ltr for Comdrs: Sup No. 10:26-30 Oct '71

Packard asks \$67.5-million for prototype programs. Armed Forces J 109:14-15 Oct '71

Packard (Close Air Support) Review Group: Roles and missions to remain untouched, aircraft systems to be scrutinized. Brooke Nihart. tab Armed Forces J 108:20+ Apr 19 '71

Packard directs Navy to overhaul F-14 program: Production to be cut. Armed Forces J 108:21-22 Jun 21 '71

Packard favors speedup in proposed pay raise. AF Times 31:19 Apr 7 '71

Packard personally heads new group to resolve inter-Service close support. Benjamin F. Schemmer. Armed Forces J 108:19 Mar 15 '71

Packard threatened to resign over B-1 budget issue. Armed Forces J 108:8 Feb 1 '71

R&D: Key to our nation's strength. (Remarks, Instrument Society of America, Philadelphia, Oct 26-29, 1970) David Packard. Signal 25:6-8 Mar '71

Remember the Pueblo. (Command and control systems of defense establishment commands) por Govt Exec 3:15 Dec '71

Toward better management of the development and acquisition of new weapons systems. (Adapted from testimony before House Appropriations Committee, March 18, 1971) David Packard. Def Mgt J 7:2-7 Fall '71

PACTS see Treaties and Alliances

PAGE, Jerry D.

A commander handles complaints. MajGen Jerry D. Page. AF Plcy Ltr for Comdrs: Sup No. 10:15-16 Oct '71

PAINE, Thomas O.

Space in the seventies. Thomas O. Paine. illus Ordnance 55:328-330 Jan-Feb '71

PAKISTAN

The military balance in the Indian subcontinent. Ravi Rikhye. Armed Forces J 108:32-33 Jul 19 '71

Pakistan--the danger of excessive hope. C. L. Wayper. Royal Air Forces Qtr 11:107-109 Summer '71

The partition of Pakistan: A new balance in the Indian subcontinent? Ravi Rikhye. Armed Forces J 108:33+ May 17 '71

PAKISTAN - ContinuedForeign RelationsChina (People's Republic)

Pakistan stays one nation. Qutubuddin Aziz. Armed Forces J 108:35-36 Jul 5 '71

India

Pakistan stays one nation. Qutubuddin Aziz. Armed Forces J 108:35-36 Jul 5 '71

Politics and Government

Pakistan stays one nation. Qutubuddin Aziz. Armed Forces J 108:35-36 Jul 5 '71

Who armed Pakistan? Whose weapons killed East Pakistanis? Brooke Nihart. Armed Forces J 109:50-52 Nov '71

PALMER, Bruce, Jr

Keep those caissons rolling. Gen Bruce Palmer, Jr. por Armor 80:6-13 Nov-Dec '71

The vital role of the small unit leader. Gen Bruce Palmer, Jr. por Army 21:23-25 Oct '71

PANAMA CANAL

The Russo-Cuban pincers thrust in Caribbean-- Panama Canal is target. Lawrence Griswold. illus map Sea Power 14:18-24 Dec '71

Strategic Importance

Strait is the way Russia moves to control the narrow places. Lawrence Griswold. illus maps Sea Power 14:11-17 Oct '71

PARACHUTE JUMPING

Acceleration and opening shock forces during free-fall parachuting: Physiological studies of military parachutists via FM/FM telemetry--III. Donald H. Reid and others. illus tabs Aerosp Med 42:1207-1210 Nov '71

Bailout over the mountains. illus Approach 16:26-31 Jun '71

Chin-sternum-heart syndrome: Cardiac injury associated with parachuting mishaps. Laurence R. Simson, Jr. illus Aerosp Med 42:1214-1217 Nov '71

Emergency escape systems for helicopters. CW4 Paul H. Johnson. illus USA Avn Dig 17:52-56 Aug '71

Heart rate and respiration rate response to parachuting: Physiological studies of military parachutists via FM/FM telemetry--II. Donald H. Reid and others. illus tabs Aerosp Med 42:1200-1207 Nov '71

Right smack on target! illus Air Reservist 23:6-7 Apr '71

To save the pilot's life. LtCol G. Serebrennikov. illus Soviet Mil Rev No. 10:28-29 Oct '71

Study and Teaching

Airborne ROTC. 2dLt Jack M. Munroe. illus Infantry 61:42-43 Mar-Apr '71

PARACHUTES

An airborne drop system. R. T. Kendall. illus (Also cutaways) tab Ordnance 55:459-462 Mar-Apr '71

Dragged down. illus Approach 17:10-13 Oct '71

PARACHUTES - ContinuedStudy and Teaching

Canadians instructed in LAPES (Low Altitude Parachute Extraction System). AF Times 31:37 Feb 17 '71

PARARESCUE

That others may live. illus MAC Flyer 18:22-26 Jan '71

PARATROOPS

Army Guardsmen make big leap into exotic types of training. Natl Guardsman 25:20+ Jul '71

Paratroopers pair-up with 82d Airborne--Texans literally leap into training. illus Natl Guardsman 25:6-7 Oct '71

PASCHALL, Lee M.

Information systems--a contributor to modern man. (Address, AFCEA, Washington, June 8, 1970) BrigGen Lee M. Paschall for MajGen Joseph J. Cody, Jr) Signal 25:46-47 Aug '71

Teleprocessing. (Address, AFCEA, Washington, June 10, 1971) BrigGen Lee M. Paschall. Signal 25:88-91 Aug '71

PASSENGER TRAFFIC MANAGEMENT SYSTEM

Another routine charter flight? Socked in airport provides problem. MTMTS and ITOs (Installation Transportation Officers) find solution. Translog 2:17 Oct '71

PASSPORTS

Passports pave the way. Philip R. Smith, Jr. illus Soldiers 26:54-55 Aug '71

PATENTS

Patent Office's William Schuyler, Jr: "We should be decisive." illus Govt Exec 3:25 Jan '71

PATHFINDERS

Semper primus (always first: Pathfinder paratroopers). Capt Michael A. Nelson. illus USA Avn Dig 17:6-8 Sep '71

PATRIOTISM

In unity with the people. Capt A. Skrylnik. Soviet Mil Rev No. 3:2-4 Mar '71

PATROL BOATS

Armament and fire control systems. illus (Also cutaways) Intl Def Rev 4:244-247 Jun '71

Frigate wise and pound foolish. L. Edgar Prina. illus Sea Power 14:30-32 Sep '71

A report from Bonn--West German Navy streamlines its fast patrol boat fleet in the Baltic. G. M. Bailly-Cowell. illus NATO's Fifteen Nations 16:45-48 Jun-Jul '71

PATROLS

Body armor or mobility? Capt David F. Winecoff. illus MarCor Gaz 55:28-31 Jun '71

Ranger. Capt Ronald L. Paramore. illus Infantry 61:18-20 May-Jun '71

The way it is. SP4 Tom Bailey. illus Army Dig 26:20-22 Feb '71

PATTERSON, Robert A.

(BrigGen) Talbot, (MajGen) Patterson replace each other (and retirements, promotions, and other reassignments announced). por Aerosp Med 43: 591 May '71

PATTON, George S., Jr

The general and the movie. BrigGen Edwin H. Randle, Ret. por Army 21:17-22 Sep '71

The Patton story. SP5 Tom Bailey. por Soldiers 26:8-11 Jul '71

Patton's secret. Robert S. Allen. por Army 21:28-33 Jun '71

They had charisma: (Gens) Marshall, Bradley, Patton, Eisenhower; from the papers of LtGen Raymond S. McLain. LtCol Albert N. Garland, Ret. por Army 21:26-31 May '71

PAVEMENTS

Combat traction. illus Interceptor 13:8-10 Apr '71

Continuously reinforced concrete pavement. Mark W. Hicks and Capt David A. Nuss. illus Mil Engr 63:407-409 Nov-Dec '71

Traction and pavement. Frank P. Dall. illus AF Civil Engr 12:18 Feb '71

Testing

Pavement tests for the jumbo jet. Harry H. Ulery, Jr and SP5 Michael J. Trawle. illus Mil Engr 63: 164-166 May-Jun '71

PAY, ALLOWANCES, ETC

See also pay and/or allowances by name, e. g.,

Bonuses

Dual Compensation
Family Separation Allowances
Flight Pay
Foreign Duty Pay
Incentive Pay
Proficiency Pay
Quarters Allowances
Responsibility Pay
Retirement Pay
Separation Pay
Special Duty Pay
Subsistence Allowances
Travel Pay

also

Compensation and Retention Study, 1966

Air Force--Great Britain

To commute or not to commute. WgComdr K. J. Newman. Royal Air Forces Qtr 11:143-146 Summer '71

Air Force--U. S.

Congress delays action on pay bill. AF Times 32:1+ Aug 18 '71

Departure Temporary Lodging Allowance (TLA)-- termination of quarters. TIG Brief 23:4 Jul 2 '71

End to promotions 'by the numbers?' AF Times 32:13 Nov 24 '71

Finance to give pay data. AF Times 31:10 Jan 27 '71

Freeze rules keyed to 5 ideas--the whys of who gets what. AF Times 32:6 Sep 22 '71

PAY, ALLOWANCES, ETC - ContinuedAir Force--U. S. - Cont d

Full-salary concept proves complicated. Bruce Callander. AF Times 32:13 Dec 29 '71

Hikes in pay, BAQ okayed for Nov 14--foggy thaw uncertain John Slinkman. AF Times 32:1+ Nov 10 '71

Military pay--accounting and finance procedures. TIG Brief 23:9 Feb 12 '71

Military unfair to couples. Bruce Callander. AF Times 32:13 Sep 1 '71

Need found for money, benefits--ATC polls young married EM. AF Times 31:13 Apr 14 '71

New way to pass the buck (cashier teams for pay distribution for USAF 48th Tactical Fighter Wg in England). Maj Richard F. Bishop. illus Airman 15:21-22 Jun '71

1971 pay checks to change--raises or no. AF Times 31:3 Jan 20 '71

Official pay replies. AF Times 32:4 Sep 15 '71

O'sea pay won't rise--allowances frozen. AF Times 32:3 Sep 8 '71

Pay bills passed for JAGs, cadets. Jim Sample. AF Times 31:1+ Aug 4 '71

Senate votes new hike--big boost for lieutenants. Bob Horowitz. AF Times 32:1+ Oct 20 '71

6100 NCOs get raise. Bruce Callander. AF Times 32:1+ Sep 1 '71

Southeast Asia military pay centralization. TIG Brief 23:7 Jan 15 '71

Under-2 raises spurred. AF Times 31:1+ Jan 27 '71

Vet (Harvey Davis) denied back pay. AF Times 32:58 Dec 1 '71

Armed Forces--Great Britain

Long-term effects of the military salary. Air Commodore H. C. D. Blasbery. Royal Air Forces Qtr 11: 37-43 Spring '71

Armed Forces--U. S.See also

Joint Uniform Military Pay System

BAQ, o'seas pay linked--one rises, other falls. Bob Schweitz. tabs AF Times 31:1+ Apr 7 '71

Benefits skip 'middle men.' Bruce Callander. AF Times 31:13 Apr 21 '71

Big pay bill fails--Senate nixes extra money House voted. Bob Horowitz. AF Times 31:1+ Jun 9 '71

Big pay hike revived--Senate provides funds but drops BAQ raises. Bob Horowitz. tab AF Times 31:1+ Jun 23 '71

Big pay increase nears House OK. Bob Horowitz. AF Times 31:1+ Mar 31 '71

Chances improve for early pay increase. Armed Forces J 108:9-10 Mar 1 '71

'Civilian pay' proposed--plan asks CSC rates for military. Bob Horowitz. tab AF Times 31:1+ Mar 17 '71

Conferees (House-Senate) approve \$2.4-billion pay hike. tabs Armed Forces J 108:12-13 Jul 19 '71

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

DOD seeks raises for club work. Bob Schweitz. AF Times 31:1+ Jun 2 '71

Defense prefers House's version (of pay raise). AF Times 31:4 Jun 23 '71

Dispute (over pulling American forces out of Vietnam) delays raises. Bob Horowitz. AF Times 31:1+ Jul 21 '71

\$ freeze places squeeze on BXs. AF Times 32:5 Sep 29 '71

Draft extension, pay boost for recruits, hanging fire. Natl Guardsman 25:25-26 May '71

Draft extension, pay hike both considered likely possibilities. Armed Forces J 108:11-13 Mar 15 '71

Fast Hill decision due on pay. AF Times 31:11 Feb 24 '71

Fight snarls pay action--weeks off. Bob Horowitz. AF Times 31:1+ May 26 '71

First-term raise hangs. AF Times 32:5 Nov 3 '71

Giant boosts in pay asked for recruits. Bob Schweitz. tab AF Times 31:1+ Feb 10 '71

Higher pay, more scholarships in all-volunteer Force plan. Armed Forces J 108:12 Mar 15 '71

Hill unit reduces raises. Bob Horowitz. tab AF Times 31:1+ May 5 '71

House OKs bill to waive erroneous overpayments. AF Times 31:10 Jun 2 '71

House OKs pay bill, test in Senate nears. Bob Horowitz. AF Times 31:1+ Apr 14 '71

House panel acts on lawyers' pay bill. Armed Forces J 108:16-17 Jul 5 '71

House unit approves \$2.7-billion pay package; draft extended. James Hessman. tabs Armed Forces J 108:21-23 Apr 5 '71

House unit okays lawyer pro pay. AF Times 31:4 Jun 23 '71

Incentive pay tab hits \$393 million. AF Times 31:35 Apr 28 '71

Increased pay, benefits sought. Bob Schweitz. AF Times 31:1+ Feb 3 '71

Jan \$ hike nears vote--size unknown. Bob Horowitz. AF Times 32:1+ Oct 13 '71

Jan 1 raise endangered--Nixon to decide. AF Times 32:1+ Aug 25 '71

Jan raise prospects improving. Bob Horowitz. AF Times 32:1+ Dec 15 '71

January 1 pay hike snagged again. Bob Horowitz. AF Times 32:1+ Dec 22 '71

Key vote set on pay bill. AF Times 31:1+ Jun 2 '71

Laird pledges raises in '72. AF Times 31:1+ Jan 6 '71

Lawmakers told civilians gaining in fringe benefits. AF Times 31:6 Jul 14 '71

Leaders fight big pay hike. Bob Horowitz. AF Times 31:1+ Apr 28 '71

Manpower costs dim new benefits. Bob Horowitz. AF Times 32:13 Dec 22 '71

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

Many pays go up. AF Times 31:17 Apr 21 '71

Medic raises sought. Bob Schweitz. AF Times 31:1+ Mar 17 '71

Military vs civilian allowances--who gets more? Maj Billy E. Iseman. illus tabs AF Compt 5:24-27 Nov '71

Most raises thaw Nov 14. Bob Schweitz. AF Times 32:1+ Oct 13 '71

NAUS backs freeze but not on longevity raises. AF Times 32:33 Sep 15 '71

New BAS, BAQ rates proposed for FY 72. Tables only. Armed Forces J 108:13 Jan 18 '71

New bid to boost raises expected. Bob Horowitz. AF Times 32:4 Aug 11 '71

New special pay for military lawyers under Pirnie/Inouye plan. James Hessman. tabs Armed Forces J 108:28-29 May 3 '71

'71 raise alive; '72 set back. Ed Gates. AF Times 32:1+ Sep 15 '71

1972 pay raise: 7.4%--Senate unit cites figure while cutting current bill. Bob Horowitz. AF Times 31:1+ May 19 '71

Nixon gets pay bill. AF Times 31:1+ Jan 13 '71

No Jan hike; BAQ awaited. Bob Horowitz. AF Times 32:1+ Nov 17 '71

October hike bill snarled--'72 raise given new life. Bob Horowitz. AF Times 32:1+ Sep 22 '71

Packard favors speedup in proposed pay raise. AF Times 31:19 Apr 7 '71

Pay, BAQ raises voted for October. Bob Horowitz. tabs AF Times 31:1+ Jul 14 '71

Pay bill near OK in House. Bob Horowitz. tab AF Times 31:1+ Apr 7 '71

Pay bill survives--Nixon vow on boosts seen key. Bob Horowitz. tab AF Times 32:1+ Sep 29 '71

Pay bill ups tax gain. tab AF Times 31:1+ Apr 28 '71

Pay bills, fogies halt--Jan, Oct increases postponed. AF Times 32:1+ Sep 1 '71

Pay boost for the Armed Forces, as amended by the Federal Pay Comparability Act of 1970. Table only. Army Dig 26:37 Mar '71

Pay changes anticipated. AF Times 31:10 Jan 6 '71

Pay freeze now Sep 1. Bob Schweitz. AF Times 32:1+ Sep 8 '71

Pay hike passed--effective data unknown for biggest-ever raise! Bob Horowitz. tabs AF Times 32:1+ Oct 6 '71

Pay packages moving in the Pentagon. Bob Horowitz. tab AF Times 31:1+ Mar 10 '71

Pay packages moving on the Hill. tab AF Times 31:1+ Mar 10 '71

Pay plan: Goodies for all. AF Times 31:13 Feb 24 '71

Pay raise vote near--bill takes shape. Bob Horowitz. AF Times 31:1+ Mar 24 '71

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

Pay study will affect '72 votes. Bob Schweitz. AF Times 31:1+ Apr 14 '71

President signs pay legislation, annual increases in future. James D. Hessman. Armed Forces J 108: 9-10 Jan 18 '71

'Promises' of Congress appear near fulfillment. AF Times 32:3 Aug 25 '71

Promotions not affected by freeze. Bob Schweitz. AF Times 32:1+ Sep 1 '71

RIF pay rules altered by Court (of Claims). AF Times 31:20 Mar 3 '71

Raise hangs on Nixon--7.21 percent increase due Jan 1. Bob Horowitz. tab AF Times 32:1+ Dec 29 '71

Raises approved during 'Phase II.' AF Times 32:1+ Nov 24 '71

Raises top civilian pay--still stalled. Bob Horowitz.

Recruiter payment regs set. AF Times 32:2 Dec 1 '71

Recruits' pay history traced--began at \$15 a month. tab AF Times 31:6 Mar 17 '71

Retrospective raise remains up in air--Phase II begins. George Foster. AF Times 32:1+ Dec 1 '71

'Salary' included in study. AF Times 31:5 Mar 3 '71

Salary plan, combat pay votes near. Bob Horowitz. AF Times 31:1+ Jun 30 '71

Salary system, cash payoff to separatees recommended. AF Times 31:2 Apr 28 '71

Senate finds fault with pay package. Bob Horowitz. AF Times 31:1+ Feb 17 '71

Senate near vote on pay--June hike possible. Bob Horowitz. AF Times 31:1+ Apr 21 '71

Senate passes pay/draft bill. tab Armed Forces J 109:13-14 Oct '71

Senate to act on pay. Bob Horowitz. AF Times 31:1+ May 12 '71

7.9% pay jump expected in July. AF Times 32:1+ Dec 8 '71

7.9% pay raise signed--January 29 checks to reflect increase. AF Times 31:1+ Jan 20 '71

Slash in living allowance hits servicemen in Italy. AF Times 32:10 Nov 17 '71

Stakes high as Senate starts lengthy draft debate. Armed Forces J 108:13-14 May '71

\$2.7-billion raise OK'd. Bob Horowitz. AF Times 31:1+ Jul 7 '71

Under-2 pay gap grew during 13-year drought. Bob Schweitz. AF Times 31:13 Feb 3 '71

Utopian pay rates dreamed for some (Project TOPDROP, Total Objective Plan for Decreasing Rates On Promotion). Bruce Callander. AF Times 31:13 Jun 30 '71

Variable housing, skill pay studied--Defense effort. AF Times 31:17 Mar 17 '71

Wage freeze complicates draft/pay bill extension. Armed Forces J 109:10 Sep '71

PAY, ALLOWANCES, ETC - ContinuedArmed Forces--U.S. - Cont'd

Wage freeze impact. AF Times 32:4 Sep 8 '71

Army--U.S.

Pay today. illus Soldiers 26:12-14 Jul '71

Marine Corps--U.S.

Degrees for staff NCOs. MSgt J.W. Lontos. MarCor Gaz 55:52 Aug '71

National Guard--Armed Forces--U.S.

Guardsmen share in military pay raise. tab Natl Guardsman 25:16 Feb '71

Navy--U.S.

Cost-of-living cash reprieved at Naples. AF Times 31:8 Mar 10 '71

PEACE

American strength: Keystone of peace. (Remarks, U.S. Military Academy, West Point, NY, May 29, 1971) Richard Nixon. AF Plcy Ltr for Comdrs: Sup No. 7:25-28 Jul '71

Beyond Vietnam. (Address, American Newspaper Publishers Assoc Luncheon, New York, April 21, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 6:12-17 Jun '71

Church and peace. W.J.A. Visser. NATO's Fifteen Nations 16:25-27 Aug-Sep '71

Long-range planning for peace. (Address, Dayton Council on World Affairs, Dayton, Ohio, Jan 29, 1971) G. Warren Nutter. AF Plcy Ltr for Comdrs: Sup No. 3:8-13 Mar '71

The purpose of America's power. (Address, Graduation Exercises, Naval Officer Candidate School, Newport, RI, March 12, 1971) Richard M. Nixon. AF Plcy Ltr for Comdrs: Sup No. 6:8-11 Jun '71

Will we snatch defeat from the jaws of victory? (Lecture, Naval War College, 1971) Walt W. Rostow. illus Nav War Col Rev 24:3-18 Sep '71

PEARL HARBOR, 1941

Pearl Harbor. Col G. Korotkov. illus Soviet Mil Rev No. 11:42-45 Nov '71

Those aging ghosts of Pearl Harbor. Ted R. Sturm. illus Airman 15:14-18 Dec '71

PEARY, Robert E.

Peary and the North Pole: Not the shadow of a doubt. CDR Edward Peary Stafford, Ret. por US Nav Inst Proc 97:44-55 Dec '71

PEERS, William R.

The Army National Guard at the (NGAUS) 93d General Conference (Honolulu, Hawaii, Sep 20-23, 1971). por Natl Guardsman 25:10-12 Nov '71

New priorities for Guard. Reserve. LtGen William R. Peers. por Army 21:71-77 Oct '71

The one Army team. LtGen W.R. Peers. illus USA Avn Dig 17:1-3 Jul '71

PEOPLE-TO-PEOPLE PROGRAM

Doctors reshape lives overseas. AF Times 31:41 May 5 '71

PEPPERS, Jerome G., Jr

Equipment readiness. Maj Jerome G. Peppers, Jr, Ret. AU Rev 22:71-74 Jul-Aug '71

The 3C (Communication, Coordination, Cooperation) concept. Jerome G. Peppers, Jr. por AF Civil Engr 12:23-25 Nov '71

PERFORMANCE REPORTS see Airman Performance Reports; Effectiveness Reports

PERIODICALS

See also
Newspapers

United States

Air University Review awards program. (Col Robert F. Hemphill, Ret, receives annual award for outstanding article in FY 71; other winners announced) illus AU Rev 22:96 Jul-Aug '71

The DOD magazine empire. Bernadine M. Kopec. illus tab Armed Forces J 108:42-48 Aug '71

Publish a periodical... or not? Frederick C. Dyer. illus Armed Forces J 109:44-45 Sep '71

A Trophy for Airman (AFA's Gill Robb Wilson Trophy). illus Airman 15:43 Nov '71

Why Combat Crew? Maj R.J. Peisher. illus Combat Crew 22:4-7+ Jun '71

You can tell a fighter pilot, but... (Approach, Mech, and other publications of Naval Safety Center) illus Approach 16:26-33 Feb '71

PERMANENT CHANGE OF STATION

AFmen urged to stay put. AF Times 32:5 Dec 22 '71

Air Force PCS moves cut. Armed Forces J 108:14 Feb 15 '71

Base residency minimums set. AF Times 32:3 Dec 8 '71

Congressional limitation PCS travel expenditures. TIG Brief 23:17 Mar 12 '71

Defense to ask Congress for relief of moving tax. AF Times 31:4 Jun 2 '71

Drive aims at ending fast PCS. AF Times 32:3 Nov 24 '71

EM assigned abroad due close scrutiny. Bruce Callander. AF Times 32:1+ Dec 8 '71

Effects of PCS policy viewed--chain reaction triggered. AF Times 31:19 Feb 24 '71

48 month tours set--some to stay extra year overseas. Bruce Callander. AF Times 31:1+ Feb 17 '71

Freeze looms on PCS moves. AF Times 31:4 Mar 10 '71

More cutbacks in PCS possible. AF Times 31:4 Jul 28 '71

Movement of airman personnel. TIG Brief 23:4 Jun 18 '71

No cut seen in four-year overseas tour. AF Times 31:58 Jul 7 '71

PCS changes and you. AF Times 31:3 Feb 17 '71

PCS move funds could get shorter. AF Times 32:4 Nov 17 '71

PCS notice form revised. AF Times 32:15 Aug 11 '71

PERMANENT CHANGE OF STATION - Continued

Questions on PCS (concerning tour changes) answered. AF Times 31:15 Mar 17 '71

Sponsorship program eases PCS moves. TIG Brief 23:11 Jun 18 '71

TDY in conjunction with PCS. TIG Brief 23:20 Apr 9 '71

Tour extension threat averted. Bruce Callander. AF Times 31:1+ Mar 31 '71

Traffic men study moving problems. Paul Collins. AF Times 32:1+ Dec 15 '71

Travel costs deductible. Capt Rufus C. Young, Jr. MarCor Gaz 55:15-16 Aug '71

Costs

Military vs civilian allowances--who gets more? Maj Billy E. Iseman. illus tabs AF Compt 5:24-27 Nov '71

PERSHING, John J.

How many stars for Pershing? Col Frederick Bernays Wiener. illus Army pt 1, 20:28-34 Dec '70; pt 2, Five is higher than six when fact and legend clash. 21:42-48 Jan '71

Why does this area (North Central Missouri) grow great generals? Col William G. Stewart. por biog Army 21:44-45 Jun '71

PERSIAN GULF

Air capable ship for Persian Gulf? Armed Forces J 108:19 Jun 7 '71

Conflict in the Persian Gulf. Alvin J. Cottrell. illus maps Mil Rev 51:33-41 Feb '71

The RAF in the Arabian Gulf. illus Air Pict 33:14-16 Jan '71

PERSONAL AFFAIRS

See also
Loans, Personal
Wills

Hardship release eased. AF Times 32:1+ Dec 22 '71

The law and you. AF Times, What divorce proceedings entail. 31:30 Jan 6 '71; Several methods finalize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose. 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities

vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

Straight bankruptcy--the wage earners' plan and the military debtor. Capts Jack H. Lasseter and Chester P. Dagle. illus AF JAG L Rev 13:137-153 Spring '71

Two hours from Harriet's Kneecap. (Retirees make prime targets for sight-unseen land promotion pitches) LtCol Tom Hamrick, Ret. illus Army 21:28-32 Mar '71

PERSONAL APPEARANCE

Check shows more WAF overweight. AF Times 31:23
May 12 '71

Dress and personal appearance--Air Force person-
nel. TIG Brief 23:8 Feb 12 '71

Guide (AFR 30-1) issued on standards. Bruce Callan-
der. AF Times 31:1+ Jul 28 '71

Hair, beer not immoral, DOD says. AF Times 31:18
Mar 10 '71

Hair! Hair! William A. Kinney. illus Airman 15:12-18
Feb '71

Hair--it mirrors changing styles through the years.
Philip R. Smith, Jr. illus Soldiers 26: 46-50 Sep '71

Handy guide details 'standards' (AFR 30-1). AF
Times 31:1+ Aug 4 '71

IG scores commanders delegating discipline job.
AF Times 32:10 Dec 1 '71

Long hair ruled out for WAF. AF Times 32:11
Dec 22 '71

Look sharp, feel sharp, is sharp. Maj W.L. Ferrier.
MarCor Gaz 55:49-50 Mar '71

Manual longer hair. AF Times 31:31 Mar 3 '71

Navy heat waves Chafee over permissive rulings.
Armed Forces J 108:17 Mar 15 '71

Sarge's sideburns cost stripes. AF Times 32:19
Aug 1 '71

PERSONAL EQUIPMENT

See also items by name e.g.,

Clothing, Protective	Space Clothing
Helmets	Survival Equipment
Parachutes	

Cold weather gear. Capt Karl T. Thurber, Jr.
Combat Crew 22:14-15 Dec '71

Noise! Noise! Noise! Maj John P. Meade. illus tabs
Aerosp Safety 27:12-13 Apr '71

PERSONAL PROPERTY see Household EffectsPERSONNEL

For strength of the Services see subdivision Statistics
under the respective Services, e.g., Armed Forces--
United States--Statistics.

See also
Manpower, Military
Retention of Military Personnel

Air Force--U.S.

AF Human Resources Laboratory. illus Contact
25:2-7 Jan-Feb '71

AF responsive, Seamans says. tab AF Times 31:2
May 19 '71

Airman motivation. SMSgt Bruce Emerson. USAF
Instrs J 8:12-14 Spring '71

Challenges for Air Force people. (Remarks, 23d
National Conclave, Arnold Air Society, Hollywood,
Fla, April 15, 1971) Robert C. Seamans, Jr. AF
Ply Ltr for Comdrs: Sup No. 7:20-24 Jul '71

Equal opportunity. TIG Brief 23:5 Jun 18 '71

Every one is our business. TIG Brief 23:1 Apr 9 '71

PERSONNEL - ContinuedAir Force--U.S. - Cont'd

The flick of time (Films used in Project Palace
Flick to explain programs at Military Personnel
Center, Randolph AFB, Tex) MSgt Loren B
Leonberger illus Airman 15:41-42 Nov '71

Focus on people. Gen John D. Ryan. illus AF Mag 54:
44-46+ May '71

Frustration cited in riots--opportunity chief's view.
Tony McHale. AF Times 31:1+ Jul 7 '71

Human reliability. TIG Brief 23:7 Apr 9 '71

Military personnel records system TIG Brief 23:7
Feb 26 '71

Mission: You! Interview. LtGen Robert J. Dixon.
illus tab Airman 15:25-32 Jul '71

New policies to improve Air Force life. TIG Brief
23:8 Jan 15 '71

Our business is people--the USAF personnel system.
MajGen Rene G. Dupont. illus AF Mag 54:43-47
Oct '71

'Palace Flicks' scheduled for '72 debut at bases. AF
Times 32:10 Dec 22 '71

The people get a (USAF Personnel) Plan. LtGen
Robert J. Dixon. illus AF Mag 54:48-53 Aug '71

Ryan: Three approaches to the essential qualitative
edge. Gen John D. Ryan. illus Armed Forces J
108:31-33+ Jan 4 '71

6535 (USAF uniformed personnel) assigned non-AF
duties--most serve in DOD. AF Times 32:13
Aug 11 '71

The Soviet fighting man's spiritual world. Maj Y.
Deryugin. illus Soviet Mil Rev No. 12:2-4 Dec '71

Armed Forces--U.S.

AF Human Resources Laboratory. illus Contact
25:2-7 Jan-Feb '71

College grad EM: Well used? Bruce Callander. AF
Times 31:13 Mar 3 '71

Keep the military tough. MajGen Perry Bruce Grif-
fith, Ret. illus MarCor Gaz 55:50-52 Jul '71

Personnel cuts continue, new pay hikes proposed.
James D. Hessman. tabs Armed Forces J 108:
28-29+ Feb 15 '71

SecDef orders end to discrimination in the military.
Armed Forces J 108:13+ Jan 4 '71

Army--U.S.

AWOL. Capt Fenley D. Stafford, Jr. illus Infantry
61:38-41 Jul-Aug '71

Barracks life now a little brighter, to attract volun-
teers. Army 21:6-7+ Jan '71

Blueprint for tomorrow. Lt Wendell R. Cochran.
illus Infantry 61:30-33 Jul-Aug '71

Cheap and unwise 'reforms' undermine the Armed
Forces. Col R.D. Heintz, Jr. Armed Forces J
108:43 Jan 18 '71

Emphasis on quality. illus USA Avn Dig 17:17-18
Dec '71

"Let's build a better Army." Interview. SGM Silas L.
Copeland. illus Soldiers 26:5-7 Jul '71

Our head is bloody, but unbowed. Interview. Gen
William C. Westmoreland. Armed Forces J
109:48 Oct '71

PERSONNEL - ContinuedMarine Corps--U. S.

Chapman: An emphasis on combat readiness, quality, spirit, and discipline. Gen Leonard F. Chapman, Jr. illus Armed Forces J 108:34-36+ Jan 4 '71

Less waste of troops' time. Maj Wallace M. Greene III. MarCor Gaz 55:56-57 May '71

Magic in MMS (Manpower Management System) reporting. Maj Henry W. Tutterow, Jr. MarCor Gaz 55:46-47 Sep '71

The Marine Corps task analysis program. Col Roy R. Van Cleve. illus Armed Forces Compt 16:24-27 Winter '71

Navy heat chafes Chafee over permissive rulings. Armed Forces J 108:17 Mar 15 '71

National Guard--Army--U. S.

(National Guard) Bureau clarifies personnel reg for officers in Army Guard. Natl Guardsman 25:11 Jun '71

Navy--U. S.

Authority: The weakened link. LCDR Bill Clark Dean. illus US Nav Inst Proc 97:48-52 Jul '71

Cheap and unwise 'reforms' undermine the Armed Forces. Col R.D. Heinl, Jr. Armed Forces J 108:43 Jan 18 '71

The frustration factor. CDR F. B. Shemanski. illus US Nav Inst Proc 97:27-33 Apr '71

Human resources panel convenes in Newport (RI). Armed Forces J 108:12-13 Feb 1 '71

The military mind. LCDR Robert G. Partlow. US Nav Inst Proc 97:81-82 Feb '71

Navy heat chafes Chafee over permissive rulings. Armed Forces J 108:17 Mar 15 '71

Navy must change to survive in coming all-volunteer age. Stephan A. Schwartz. illus Navy 14:15-20 Jan '71

Navy takes fast action on equal opportunity program. Armed Forces J 108:13 Jan 4 '71

New career opportunity for Philippine recruits. Armed Forces J 108:13 Mar 1 '71

People programs of the U. S. Navy. (Address, New York Chapter, Defense Supply Assoc) RADM David H. Bagley. Review 51:15-16+ Jul-Aug '71

Personnel losses concern Navy Reserve leaders, Dr Marrs tells Navy Section at Mid-Winter Luncheon. (ROA Mid-Winter Conference, Washington, Feb 18-19, 1971) Officer 47:27 Apr '71

A response to Z-gram 62. (College of Naval Command and Staff report) CDR Theodore R. Swartz and CAPT Marvin C. Scoggins, eds. Nav War Col Rev 24:78-88 Sep '71

What makes Sammy stay? CAPT Benjamin C. Byrnside. tabs Persp in Def Mgt, pp 45-50, Autumn '71

Z-grams. illus US Nav Inst Proc 97:292-298 May '71

Z-grams: A behavioral analysis. CAPT J. R. Kint. tab Persp in Def Mgt, pp 59-65, May '71

Zumwalt calls retention problem 'nothing short of disastrous.' tab Armed Forces J 108:14-15 Mar 15 '71

Zumwalt: Future needs at the expense of present capability. ADM Elmo R. Zumwalt, Jr. illus Armed Forces J 108:28-30+ Jan 4 '71

PERSONNEL ADMINISTRATION

Air Reserve Forces personnel administration. TIG Brief 23:4 Mar 12 '71

Air Reserve Forces personnel administration. TIG Brief 23:7 Aug 27 '71

Cheap and unwise 'reforms' undermine the Armed Forces. Col R. D. Heinl, Jr. Armed Forces J 108:43 Jan 18 '71

Civil Service Commission's (Robert) Hampton aims at achieving agency "responsiveness." Samuel Stafford. illus Govt Exec 3:25-27+ Feb '71

Command and staff: Personnel management problems. Maj Nelson L. Marsh. illus tab USA Avn Dig 17: 1-7 Jan '71

Disciplinary reduction in rank of civilian employees. TIG Brief 23:2 Dec 31 '71

Effective styles of management. LtCol F. A. Patrone. illus Def Mgt J 7:46-49 Fall '71

Emphasis on youth as Navy flag board convenes. Armed Forces J 108:16-17 May 3 '71

An environment of human worth. Maj William R. Campbell, Jr. illus MarCor Gaz 55:23-25 Sep '71

The flick of time (Films used in Project Palace Flick to explain programs at Military Personnel Center, Randolph AFB, Tex) MSgt Loren B Leonberger. illus Airman 15:41-42 Nov '71

Focus on people. Gen John D. Ryan. illus AF Mag 54: 44-46+ May '71

The human factor in work force productivity. Capt Allen J. Sailer. illus tab AF Civil Engr 12:22-23 May '71

Human factors engineering--a potential personnel management tool. Maj Donald S. Fujii. AU Rev 22:66-69 May-Jun '71

Human resources panel convenes in Newport (RI). Armed Forces J 108:12-13 Feb 1 '71

Improving things for people. (Address, AFA Convention, Washington, Sep 21, 1971) Robert C. Seamans, Jr. illus AF Mag 54:63-65 Nov '71. Adaptation. AF Plcy Ltr for Comdrs: Sup No. 11: 17-22 Nov '71

Keep the military tough. MajGen Perry Bruce Griffith, Ret. illus MarCor Gaz 55:50-52 Jul '71

Labor-management relations in the Air Force. Maj Bernard Wray. illus AF JAG L Rev 13:12-29 Winter '71

Leadership in the volunteer Army. BrigGen John A. Hoefling. illus tabs Army 21:38-42 Aug '71

The Marine Corps task analysis program. Col Roy R. Van Cleve. illus Armed Forces Compt 16:24-27 Winter '71

Mission: You! Interview. LtGen Robert J. Dixon. illus tab Airman 15:25-32 Jul '71

'Motivate me!' LtCol Albert N. Garland, Ret. illus Army 21:41-44 Dec '71

Motivation release from within. Mark B. Silber. Def Mgt J 7:9-14 Spring '71

Navy heat chafes Chafee over permissive rulings. Armed Forces J 108:17 Mar 15 '71

Navy must change to survive in coming all-volunteer age. Stephan A. Schwartz. illus Navy 14:15-20 Jan '71

PERSONNEL ADMINISTRATION - Continued

- Navy retention improves, still unsatisfactory. illus tab Armed Forces J 108:16-17 Jun 21 '71
- New career opportunity for Philippine recruits. Armed Forces J 108:13 Mar 1 '71
- Officer career plans meshing. George Foster. AF Times 31:13 Feb 10 '71
- Officer corps reform is our job. LtCols William L. Hauser and Zeb B. Bradford, Jr. illus Army 21:34-39 Dec '71
- Our business is people--the USAF personnel system. MajGen Rene G. Dupont. illus AF Mag 54:43-47 Oct '71
- 'Palace Flicks' scheduled for '72 debut at bases. AF Times 32:10 Dec 22 '71
- The people get a (USAF Personnel) Plan. LtGen Robert J. Dixon. illus AF Mag 54:48-53 Aug '71
- Personnel functions. TIG Brief 23:8 Feb 26 '71
- Planners look beyond cost in irritant war. Bruce Callander. AF Times 31:1+ Jan 27 '71
- Relieved of command. LtCol Martin Blumenson. illus Army 21:30-37 Aug 71
- A response to Z-gram 62. (College of Naval Command and Staff report) CDR Theodore R. Swartz and CAPT Marvin C. Scoggins, eds. Nav War Col Rev 24:78-88 Sep '71
- Shifting from one industry to another--how transferable is the engineer's knowledge? Nathaniel Robbins, Jr. Signal 26:32-34 Nov '71
- Solving people problems. Capt Cliff Wieden. MarCor Gaz 55:15-16 Jul '71
- Stress responses as criteria for personnel selection: Baseline study. Roy B. Mefferd, Jr and others. tabs Aerosp Med 42:42-51 Jan '71
- System changes--stepping stones to survival. Maj John N. Worley. illus AF Compt 5:8-9+ Mar '71
- Teach duties--then demand performance. 1stLt Robert R. Turner. Natl Guardsman 25:28 Apr '71
- VOLAR (VOLunteer ARmy) test successful so far. Interview. LtGen George I. Forsythe. illus Armed Forces J 108:32+ May 17 '71
- Westmoreland: Facing up to the external and internal challenges. Gen William C. Westmoreland. illus Armed Forces J 108:23-25+ Jan 4 '71
- What's wrong with being an expert? (Disadvantage of Army's reassignment policy) BrigGen Lynn D. Smith, Ret. Army 21:26-29 Nov '71
- Zumwalt calls retention problem 'nothing short of disastrous.' tab Armed Forces J 108:14-15 Mar 15 '71

Study and Teaching

- AU Institute (for Professional Development) graduates 17 in management. AF Times 32:15 Dec 22 '71

PERSONNEL CLASSIFICATIONAir Force--U. S.

- Bonus weighed for recruits. AF Times 31:4 Jun 16 '71
- Critical SEA skills listed. AF Times 32:8 Dec 8 '71
- Data given on E-5 selections. tab AF Times 31:4 Jun 2 '71

PERSONNEL CLASSIFICATION - ContinuedAir Force--U. S. - Cont'd

- Dip seen in stripes quota but fairer distribution set. Bruce Callander. AF Times 31:1+ Jan 20 '71
- E-6, 7 hike statistics given. tab AF Times 31:5+ Mar 3 '71
- Enlisted skills get sweeping revision. AF Times 32:18 Dec 29 '71
- 40 EM skills set for 2d SEA tour. AF Times 32:1+ Sep 1 '71
- Guaranteed jobs to lure recruits. Ed Gates. AF Times 31:1+ Jul 14 '71
- Ladders added in EM career changes. AF Times 31:50 Mar 31 '71
- Many to lose VRB, p(roficiency)-pay. Bruce Callander. tabs AF Times 31:1+ Apr 7 '71
- Military personnel classification. TIG Brief 23:11 May 21 '71
- NCOs revise job skill tests. AF Times 31:36 Apr 28 '71
- The navigator in tactical strike aircraft. LtCol Everett H. Webster. illus Navigator 18, No. 3:1-5 '71
- A new look at WAPS. MSgt Loren B. Leonberger. illus Airman 15:33-35 Jun '71
- 19 percent win hikes to E-9--statistics given. AF Times 32:5 Dec 15 '71
- On-the-job training--skill-level advancement. TIG Brief 23:6 Jul 2 '71
- Planning an S&DE (Scientific And Development Engineering) career. Contact 25:15-16 Sep-Oct '71
- Pro pay eligibility rules outlined. AF Times 31:54 Apr 14 '71
- Project Palace Armor. TIG Brief 23:11 Jan 15 '71
- Retrained EM must use o'sea imbalanced skills. AF Times 31:22 Jul 21 '71
- Retraining list revised. AF Times 32:4 Oct 13 '71
- Return-to-SEA forecast cut. AF Times 31:3 Feb 24 '71
- SAC offers flying jobs. AF Times 31:22 Feb 17 '71
- SEA critical skills resource list revised. AF Times 31:22 Aug 4 '71
- Scores given for E-5 hikes. AF Times 32:43 Dec 22 '71
- 6-year hitch due for top recruits. AF Times 31:4 Jun 30 '71
- 6-year recruits lured. George Foster. AF Times 32:1+ Sep 15 '71
- 6535 (USAF uniformed personnel) assigned non-AF duties--most serve in DOD. AF Times 32:13 Aug 11 '71
- They call it TOPCAP. Maj Norbert R. K&us. illus tab Airman 15:11-15 Sep '71
- Training qualifications listed--Transition center announcement expected. Tony McHale. AF Times 32:5 Nov 17 '71
- WAPS data given--few skills exceed 50% selection rate. AF Times 32:10 Aug 11 '71
- WAPS not fixed, as changes show. Bruce Callander. AF Times 32:13 Oct 6 '71

PERSONNEL CLASSIFICATION - ContinuedArmy--U. S.

Do their thing. (Army Scientific and Engineering Assistance Program) illus Soldiers 26:12-13 Dec '71

EPD (Enlisted Personnel Directorate) has plans for you. SP5 Peter A. Greene. illus Soldiers 26:44-46 Aug '71

Enlisted Evaluation System. Maj Alan H. Byrne. illus Fld Artilleryman, pp 46-51, Aug '71

PESCH, John J.

The Air National Guard at the (NGAUS) 93d General Conference (Honolulu, Hawaii, Sep 20-23, 1971). por Natl Guardsman 25:13-16 Nov '71

PEST CONTROL

319th (Special Operations Sq) battles bugs--multiple mission outfit. illus AF Times 32:30 Oct 6 '71

The taming of the screwworm (Project Coronet Roundup). Capt Gary A. Guimond. illus Airman 15:26-29 Oct '71

PETERS, John D.

Application of technology (on environment). BrigGen John D. Peters. por AF Civil Engr 12:2-4 Aug '71

PETROLEUM

Oil--another pawn. Robert N. Merz. map Ordnance 56:211-213 Nov-Dec '71

Oil on troubled waters. illus Navy 14:31-32 Feb '71

Supply and Distribution

Changing Soviet oil interests: Implications for the Middle East. (Research paper, College of Naval Command and Staff, 1971) Maj C. Powell Hutton. illus Nav War Col Rev 24:76-93 Oct '71

Fuels and Energy Seminar. (DSA Convention, 1971) Gene T. Kinney and others. illus Review 51:31-32+ Nov-Dec '71

JP4 lifeline to Asia. SMSgt David L. Mayhew. illus Airman 15:4-7 Feb '71

Lifeblood at U-Tapao Airfield, Thailand--pacesetter for the future. Capt James G. Smith, Jr. illus AF Civil Engr 12:18-20 May '71

Oil... why is it important; why is it different; what aids DOD procurement. Maj Thomas L. Wallace. illus Review 50:39-40+ Mar-Apr '71

Petroleum--a monumental task in the U. S. Air Force. LtCol Clifford D. Price. illus Review 50:31+ Jan-Feb '71

The Soviet need for Middle East oil. Maj Eugene J. DeNezza. illus tabs AU Rev 22:52-57 May-Jun '71

Middle East

The Soviet need for Middle East oil. Maj Eugene J. DeNezza. illus tabs AU Rev 22:52-57 May-Jun '71

The stakes are oil. Hanson W. Baldwin. illus Army 21:10-15 Aug '71

Russia

The Soviet need for Middle East oil. Maj Eugene J. DeNezza. illus tabs AU Rev 22:52-57 May-Jun '71

PETROLEUM INDUSTRY AND TRADERussia

Changing Soviet oil interests: Implications for the Middle East. (Research paper, College of Naval Command and Staff, 1971) Maj C. Powell Hutton. illus Nav War Col Rev 24:76-93 Oct '71

United States

Fuels and Energy Seminar. (DSA Convention, 1971) Gene T. Kinney and others. illus Review 51:31-32+ Nov-Dec '71

PHILLIPS, Samuel C.

Space--double indemnity for our future. (Address, Beverly Hills Rotary Club, Los Angeles, May 10, 1971) Prepared for LtGen S. C. Phillips; delivered by BrigGen R. A. Duffy. AF Pley Ltr for Comdrs: Sup No. 7:2-8 Jul '71

This select company. (LtGen Samuel C. Phillips and other winners of the Langley Medal) William A. Kinney. por Airman 15:31-35 Dec '71

PHOTOGRAPHIC RECONNAISSANCE see Reconnaissance, Aerial

PHOTOGRAPHIC SURVEYING see Surveying by Air

PHOTOGRAPHYSee also

Cameras

Another exposure angle. Capt Charles R. Smith. illus Tac Air Recon Dig 5:27-28 Jun '71

Cinematography: Its use in science and technology. Theodore H. Truesdell. Signal 25:35-38 Jan '71

Naval and maritime prize photography 1971. Pictorial. US Nav Inst Proc 97:67-82 Apr '71

Photography in space: Past, present and future. H. J. P. Arnold. illus Signal 26:30-33 Oct '71

Real time truth no. 1. Capt J. T. Thomas. illus Tac Air Recon Dig 5:29-30 Feb '71; Real time truth no. 2. 5:29-31 Jun '71

Reflections of the 60's. (Growth of tactical reconnaissance) Maj A. D. Pope. illus Tac Air Rec Dig 5:32-36 Jun '71

Exhibitions

The USSR in photos. Soviet Mil Rev No. 2:30-33 Feb '71

PHOTOGRAPHY, AERIAL

(Aerial imagery resembling photographs made by side-looking radar system) illus Signal 25:170+ Jun '71

A camera is a camera is a sensor. LtCol Wilbur A. Glass and MSgt James Grady. illus Signal 25:32-34 Mar '71

The new F-4 gunsight camera. Capts Mike Sexton and Jerry Jameson. illus USAF Ftr Wpns Rev No. 3:8-13 Fall '71

Photogrammetry for the Field Army. F. Raye Norvelle. illus maps Mil Engr 63:398-400 Nov-Dec '71

(Photogrammetry, the art of making surveys and maps from photographs) illus Signal 25:66 May '71

Satellites: Environmental sentries. (Reprinted from Aerospace, Sep 1970) illus Space World H-3-87:16-19 Mar '71

PHOTOGRAPHY, AERIAL - Continued

See all, tell all. CW3 John T. Grantham. illus Army Dig 26:45-47 Mar '71

Snap 'em, zap 'em. Capt Alexander H. C. Harwick. illus USAF Ftr Wpns Rev No. 1:48-50 Spring '71

Unique SEA unit finds enemy hidden on film. Sgt Ken Sweeney. illus AF Times 31:20 Jun 9 '71

History

Naval air photo reconnaissance. CDR J.E. Wise, Jr. illus US Nav Inst Proc 97:57-67 Jan '71

PHOTOGRAPHY, MILITARY

Base support photographic laboratories. TIG Brief 23:23-24 Mar 12 '71

A camera is a camera is a sensor. LtCol Wilbur A. Glass and MSgt James Grady. illus Signal 25:32-34 Mar '71

Naval and maritime prize photography 1971. Pictorial. US Nav Inst Proc 97:67-82 Apr '71

9 receive honors in photo contest (and former SP5 Steve Groer named 1970 Military Photographer of the Year). AF Times 31:4 May 19 '71

Photogrammetry for the Field Army. F. Raye Norvelle. illus maps Mil Engr 63:398-400 Nov-Dec '71

Picture depository keeps Air (Force) history. AF Times 31:18 Feb 17 '71

'Sky eye' watches satellites--Edwards (AFB, Calif) crew films at night. Sgt John Scott. illus AF Times 31:30 Feb 3 '71

Team at Albrook (AFB, CZ) films 'quake damage in Peru. AF Times 31:34 Mar 17 '71

PHOTOGRAPHY, SPACE

Apollo optical bar panoramic camera. illus (Also cutaway) Space World H-11-95:16-23 Nov '71

Harvest from space. Henry Simmons. illus Spaceflight 13:442-445 Dec '71

On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71

Photography in space: Past, present and future. H. J. P. Arnold. illus Signal 26:30-33 Oct '71

Satellites: Environmental sentries. (Reprinted from Aerospace, Sep 1970) illus Space World H-3-87: 16-19 Mar '71

Telescope in a balloon--how it works. illus (Also cutaways) Space World H-11-95:4-10 Nov '71

PHYSICAL EDUCATION AND TRAINING

Aerobics 'failures' must shape up. AF Times 31:21 Mar 17 '71

Guidelines for improving PFT. 1stLt J. B. Swartzenberg. illus MarCor Gaz 55:50-51 Mar '71

Initial aerobics results generally satisfactory. George Foster. AF Times 31:1+ Jan 13 '71

The Marine as an athlete. William P. Marley and Capt J. T. Fisher. MarCor Gaz 55:52-53 Mar '71

Obstacle course. LtCol A. Grigoryev. illus Soviet Mil Rev No. 6:22 24 Jun '71

Physical fitness programme for the soldier. V. Podolsky. illus Soviet Mil Rev No. 3:27-29 Mar '71

PHYSICAL EXAMINATIONS see Medical ExaminationsPHYSICAL FITNESS

Aerobics 'failures' must shape up. AF Times 31:21 Mar 17 '71

Aerobics results improve. AF Times 32:21 Oct 13 '71

Army Aviation and the lower extremity amputee. Robert L. Reid and George I. Baker. tab Aerosp Med 42:667-669 Jun '71

Check shows more WAF overweight. AF Times 31:23 May 12 '71

A commander's concept of training. Col N. A. Canzona. illus MarCor Gaz 55:16-22 Mar '71

Does the (Marine) Corps build men? LCpl Steven R. Scipes. illus MarCor Gaz 55:51-52 Mar '71

Give him self-confidence (by challenging his physical abilities). TSgt Harvey L. Beauchemin. illus USAF Instrs J 9:9-11 Fall '71

Guidelines for improving PFT. 1stLt J. B. Swartzenberg. illus MarCor Gaz 55:50-51 Mar '71

Initial aerobics results generally satisfactory. George Foster. AF Times 31:1+ Jan 13 '71

Look sharp, feel sharp, is sharp. Maj W. I. Ferrier. MarCor Gaz 55:49-50 Mar '71

The Marine as an athlete. William P. Marley and Capt J. T. Fisher. MarCor Gaz 55:52-53 Mar '71

Orienteering: Sport for Marines. LtCol Arne N. Lundell. illus maps MarCor Gaz 55:24-27 Jun '71

Physical fitness. TIG Brief 23:4 Feb 26 '71

Physical fitness, flight requirements and age. Ralph F. Goldman. tabs Aerosp Med 42:635-641 Jun '71

Physical fitness in the sea services. CAPT Paul Morosky. illus US Nav Inst Proc 97:58-63 Oct '71

Physical fitness programme for the soldier. V. Podolsky. illus Soviet Mil Rev No. 3:27-29 Mar '71

Preventive maintenance medicine. LtCol L. J. Enders. illus Interceptor 13:5-7 Feb '71

Run for your life. Bill Kloeb. illus Army Dig 26:61 Feb '71

TH (Team Handball)--something new in sports. SP4 William Wanlund. illus Army Dig 26:15-19 May '71

Trim and physically fit. Maj Nelson M. Olf. illus MarCor Gaz 55:13-14 Jul '71

PHYSICALLY HANDICAPPED see HandicappedPHYSICIANS

DOD plans ten-point program to end doctor draft. James D. Hessman. illus Armed Forces J 108: 17-19+ Mar 1 '71

Doctors reshape lives overseas. AF Times 31:41 May 5 '71

Few doctors moonlight, despite patients' gripes. Jim Sample. AF Times 31:1+ Jul 28 '71

From private to physician. Patricia Stocker. illus Soldiers 26:58-59 Jun '71

House panel approves health manpower bill. Armed Forces J 109:14-15 Nov '71

PHYSICIANS - Continued

Off-duty doctoring limited. AF Times 31:10 Apr 14 '71

Physicians' assistants: Can they augment the Navy medical service? (Research paper, College of Naval Warfare, 1971) CAPT Mario A. Vasquez. illus Nav War Col Rev 24:44-58 Oct '71

PHYSIOLOGICAL RESEARCH

See also

Aviation--Physiological Aspects

Space Flight--Physiological Aspects

Changes in the elimination of ^{133}Xe from the anterior tibial muscle in man induced by immersion in water and by shifts in body position. U.I. Ball-din and others. illus tab Aerosp Med 42:489-493 May '71

Changes in vital capacity produced by oxygen breathing during immersion with the head above water. U.I. Ball-din and others. tabs Aerosp Med 42:384-387 Apr '71

Clinical value of the electroencephalogram following sleep deprivation. Lauren K. Welch and Joseph B. Stevens. illus tabs Aerosp Med 42:349-351 Mar '71

Comparison of tracking-task performance and nystagmus during sinusoidal oscillation in yaw and pitch. Alan J. Benson and Fred E. Guedry, Jr. illus Aerosp Med 42:593-601 Jun '71

Control of acute mountain sickness. G.W. Gray and others. illus Aerosp Med 42:81-84 Jan '71

Cortical evoked response and inert gas narcosis in man. Kenneth N. Ackles and Barry Fowler. illus tabs Aerosp Med 42:1181-1184 Nov '71

Diving chamber puts squeeze on decompression. Sgt David Drachlis. illus AF Times 32:30 Aug 25 '71

Effect of acclimatization to altitude and cold on basal heart rate, blood pressure, respiration and breath-holding in man. C.S. Nair and others. illus tabs Aerosp Med 42:851-855 Aug '71

Effect of body cooling on vigilance in hot environments. Dan Benor and Esar Shvartz. illus tabs Aerosp Med 42:727-730 Jul '71

Effect of furosemide (lasix) on physical work capacity of altitude-acclimatized subjects at an altitude of 11,000 feet. C.S. Nair and P.M. Gopinath. illus tab Aerosp Med 42:268-270 Mar '71

Effect of increased pressures of normoxic helium, nitrogen and neon on EEG and reaction time in man. R.E. Townsend and others. illus tab Aerosp Med 42:843-847 Aug '71

Effects of combined heat, noise and vibration stress on human performance and physiological functions. W.F. Grether and others. illus tabs Aerosp Med 42:1092-1097 Oct '71

Electrophysiological changes in humans during sensory isolation. E.A. Serafetinides and others. tab Aerosp Med 42:840-842 Aug '71

Head cooling in work and heat stress. Sarah A. Nunneley and others. illus tab Aerosp Med 42:64-68 Jan '71

Heart rate response to square wave breathing: One G compared to zero G. Philip C. Richardson and others. illus tabs Aerosp Med 42:971-974 Sep '71

PHYSIOLOGICAL RESEARCH - Continued

Long-term prognosis of transient hypertension in young male adults. Poul E. Rorbaek Madsen and Jan Buch. illus tabs Aerosp Med 42:752-755 Jul '71

Morphological and cytochemical studies of hypokinetic effects. V.V. Portugalov and others. illus Aerosp Med 42:1041-1049 Oct '71

Myocardial serum enzymes in controlled impact and in accidental automotive impact. Irving I. Lasky and others. tabs illus (Also cutaway) Aerosp Med 42:713-722 Jul '71

Neuroendocrine and metabolic responses to intermittent night shift work. H.B. Hale and others. illus tabs Aerosp Med 42:156-162 Feb '71

Physiological responses to cooling the head and neck versus the trunk and leg areas in severe hyperthermic exposure. Abbott T. Kissen and others. illus tabs Aerosp Med 42:882-888 Aug '71

Reflex vestibular control of head movement in man. J.S. Outerbridge and G. Melvill Jones. illus tab Aerosp Med 42:935-940 Sep '71

Relationship between the time constants of RC networks and nitrogen washout in the respiratory system. S.T. Chiang. illus tabs Aerosp Med 42:1270-1274 Dec '71

Reliability and validity of the brief vestibular disorientation test compared under 10-RPM and 15-RPM conditions. Rosalie K. Ambler and Fred E. Guedry, Jr. illus tabs Aerosp Med 42:186-189 Feb '71

Respiratory mechanics--airway collapse. Edwin G. Vail. illus tabs Aerosp Med 42:975-979 Sep '71

Responses to Coriolis stimulation in nonmotionsick and motionsick-prone navigators compared with pilots and airman trainees. P.J. Dowd and others. tab Aerosp Med 42:703-705 Jul '71

Stress responses as criteria for personnel selection: Baseline study. Roy B. Mefferd, Jr and others. tabs Aerosp Med 42:42-51 Jan '71

Susceptibility to moderate hypoxia in aircrew with a history of episodes of impaired consciousness in flight. W. Hartzell and P.D. Newberry. illus tabs Aerosp Med 42:93-97 Jan '71

Testing of the vestibular system. Robert H. Mathog and Robert L. Cramer. illus tabs Aerosp Med 42:741-745 Jul '71

Use of skin temperature to predict tolerance to thermal environments. P.F. Iampietro. illus tabs Aerosp Med 42:396-399 Apr '71

Vascular and extravascular fluid changes during six days of bedrest. Philip C. Johnson and others. tabs Aerosp Med 42:875-878 Aug '71

PICKETT, George E.

AFCEA Chapter Man of the Month. por Signal 26:44 Nov '71

Army's Pickett: "We're taking a calculated risk." por Govt Exec 3:22 Aug '71

Avionics--military and civil. MajGen George E. Pickett. illus Signal 25:13-15 Jan '71

Signal interviews the military communicators. RADM Francis J. Fitzpatrick and MajGens Gordon T. Gould, Jr and George E. Pickett. illus Signal 25:80-82+ Jun '71

PIERCE, John R., Jr

Managing modernization. BrigGen John R. Pierce, Jr. illus Army Log 3:28-32 Mar-Apr '71

PIGEONS, HOMING see BirdsPIKE, Otis G.

Annuity plan shaped--costs cut, benefits rise in Pike-Gubser proposal. Bob Horowitz. AF Times 32:1+ Aug 18 '71

The new annuity plan (Pike-Gubser Survivor Benefits Bill): Coverage up, cost down. Bob Schweitz. tab AF Times 31:44 Jun 16 '71

'71 annuity bill unlikely--survivor package gathering dust. AF Times 31:3 Jan 13 '71

PILOT ERROR

Army midair collisions. CW2 Morris L. Marty and others. illus USA Avn Dig 17:36-49 Jan '71

Authority of the pilot. illus Approach 16:6-8 Jun '71

Bye, bye, birdie. illus Approach 16:14-15 Jan '71

The care & feeding of fighter pilots. (Reprinted from Airscoop Magazine, July-Aug 1971) illus Interceptor 13:12-13 Nov '71

Complacency. illus MAC Flyer 18:24-25 Apr '71

Complacency and the instructor pilot. Richard K. Bell. illus USA Avn Dig 17:60-62 Feb '71

Definition of orientation-error accidents. W. Carroll Hixson and others. illus USA Avn Dig 17:46-48 Mar '71

A doomed mission. Maj James R. Hensley. illus USA Avn Dig 17:18-20 Sep '71

Emergency proficiency. CW2 J. M. Adkins. illus USA Avn Dig 17:14-15 May '71

Etiology of a midair collision. CW3 Jose A. Suarez. illus USA Avn Dig 17:36-38 May '71

Fuel exhaustion. Capt Alfred J. Bevilacqua. illus USA Avn Dig 17:36-38 Mar '71

"It'll probably be all right." Maj Ronald B. Weinert. (Reprinted from Interceptor, July 1966) illus Interceptor 13:24-27 Jul '71

Landing fighter aircraft. Col Edward P. McNeff. illus Aerosp Safety 27:2-4 Jan '71

Marginal weather equation. Sgt1C Jerry E. Mills. illus USA Avn Dig 17:40-42 Nov '71

Night test flight. illus USA Avn Dig 17:60-61 Jul '71

180 degrees downwind. illus USA Avn Dig 17:54-56 Jul '71

Pilot error--where does it start? Earl J. Ends. illus Interceptor 13:4-6 Jul '71

Pressing the attack can be hazardous! illus Approach 16:1-4 Feb '71

Safe instrument flight. illus Approach 16:1-7 Apr '71

Showmanship. (Reprinted from Interceptor, Sep 1966) illus Interceptor 13:7-9 Jul '71

Subtle symptoms. Laurel D. Sand. illus USA Avn Dig 17:40-41 May '71

Supersonic Smith. (Proper flight planning and pre-flight make flying safer) (Reprinted from Interceptor, April 1963) Interceptor 13:22-23 Jul '71

PILOT ERROR - Continued

Supervisor's special trust. LtCol Richard F. Taylor. illus USA Avn Dig 17:52-55 Apr '71

12 o'clock level. (Mid-air collision between F106B and T33 during low altitude intercept training mission) Capt James M. Allison. (Reprinted from Interceptor, Aug 1964) illus Interceptor 13:20-21 Jul '71

Violators gamble and lose. illus USA Avn Dig 17:57-59 Jun '71

Wrong-way arrestments. illus Approach 16:10-12 Jan '71

Who put the gear down? illus USA Avn Dig 17:50-53 Jul '71

You've got it (pilot control) and you'd better keep it. Interceptor 13:14-15 Nov '71

PILOTSSee alsoAstronauts

Airline (Eastern) to offer jobs to PW (and MIA) pilots--hiring priority given. AF Times 31:8 Jun 9 '71

Application of college and flight background questionnaires as supplementary noncognitive measures for use in the selection of student naval aviators. Ronald M. Bale and Rosalie K. Ambler. tabs Aerosp Med 42:1178-1181 Nov '71

Army Aviation and the lower extremity amputee. Robert L. Reid and George I. Baker. tab Aerosp Med 42:667-669 Jun '71

Army drops senior aviators from flight duty. Armed Forces J 108:43+ Jan 4 '71

Authority of the pilot. illus Approach 16:6-8 Jun '71

Be aware--planning for the unplanned. illus Approach 16:14-17 Jun '71

Case report of death due to cardiac arrest or arrhythmia secondary to coronary arteriosclerosis in a 24 year-old aviator. John R. Anderson. Aerosp Med 42:1113-1115 Oct '71

Cerebral dysfunction as a cause of pilot failure during training or operational flight. G.J. Kidera and others. Aerosp Med 42:559-563 May '71

Commands to rotate 120 pilots. AF Times 32:3 Nov 10 '71

Comparisons of nystagmic responses in basic airmen, grounded pilots and active pilots. Gregory J. Matz and James W. Wolfe. illus tabs Aerosp Med 42:627-629 Jun '71

Epidemiological study of in-flight airline pilot incapacitation. Linton L. Kulak and others. tabs Aerosp Med 42:670-672 Jun '71

Fewer fixed-wing pilots will convert to choppers. AF Times 31:59 Jul 7 '71

Flying and expressive self-testing: An exploratory consideration. John M. Roberts and CDR James O. Wicke. tabs Nav War Col Rev 23:67-80 Jan '71

Fund woes excuse 500 more rateds. Bruce Callander. AF Times 32:1+ Dec 29 '71

Happy fiscal new year! illus Approach 17:1-5 Jul '71

The Israeli pilot--qualities and motivations. Gad Soffer. illus NATO's Fifteen Nations 16:82-84 Aug-Sep '71

PILOTS - Continued

- The left seat. illus MAC Flyer 18:4-7 Jan '71
- New rated review to screen 7th, 15th year flying groups. AF Times 31:2 Jul 21 '71
- Officer first! LtCol Richard G. Courtney. illus Approach 16:24-25 Mar '71
- POW/MIA pilots receive job offer (from Eastern Air Lines). Armed Forces J 108:18 Jun 21 '71
- Physical fitness, flight requirements and age. Ralph F. Goldman. tabs Aerosp Med 42:635-641 Jun '71
- Pilot fatigue--management and command responsibility. illus Aerosp Safety 27:2-3 Jun '71
- Pilot in command. illus Approach 17:14-16 Aug '71
- Pilot screening due for changes. AF Times 31:21 Jan 27 '71
- Pilotage and combat manoeuvre. MajGen A. Karikh. illus Soviet Mil Rev No. 5:22-25 May '71
- Pilot's capabilities, opportunities, responsibilities. (Remark, Graduation of UPT Class of 71-06, Columbus AFB, Miss, March 16, 1971) LtGen Austin J. Russell. AF Plcy Ltr for Comdrs: Sup No. 5:28-32 May '71
- Pilot's vertigo. LtCol Russell B. Rayman. illus Aerosp Safety 27:6-8 Dec '71
- Predicting the quality of pilot landing performance during night carrier recovery. C.A. Brictson and others. tabs Aerosp Med 42:16-19 Jan '71
- Preventive maintenance medicine. LtCol L.J. Enders. illus Interceptor 13:5-7 Feb '71
- Professionals in action. illus Approach 17:1-4 Nov '71
- Psychophysiologic and conversion mechanisms: The aviator's emotional face curtain. J.A. Pursch and R.F. Reinhardt. Aerosp Med 42:1015-1017 Sep '71
- Rated face 'build time' order--word due in August. Bruce Callander. AF Times 31:4 May 19 '71
- Reflections on an Air Force/Navy exchange tour. Maj William J. Breckner, Jr. illus AU Rev 22: 63-66 Mar-Apr '71
- Right on time--right on! illus Interceptor 13:5-7 Mar '71
- Time--proficiency: Challenge of proficiency. Capt William H. Campbell III. USA Avn Dig 17:26-27 Sep '71
- Time to go. illus tabs Aerosp Safety 27:2-5 Feb '71; USA Avn Dig 17:60-61+ Dec '71
- Was I scared? Maj Roger T. Rhodes. illus Interceptor 13:13-15 Dec '71
- What are your limits (in adverse weather conditions)? Approach 17:42-43 Dec '71
- What is pilot proficiency? illus Approach 16:38-43 Feb '71
- You've got it (pilot control) and you'd better keep it. Interceptor 13:14-15 Nov '71

Education and TrainingSee alsoInstructor Pilots

- Above the best. LtCol W.G. Cretney and Lt R. J. Dooling. illus MarCor Gaz 55:32-35 Jun '71

PILOTS - ContinuedEducation and Training - Cont'd

- Air-to-air missiles. (Firing live missiles from interceptor fighters) LtCol Y. Vasin. illus Soviet Mil Rev No. 9:30-31 Sep '71
- Aldrin to head Aerospace (Research) Pilot School. George Weiss. illus Armed Forces J 108:12 Feb 1 '71
- Army copter school (Fort Wolters, Ky) to graduate AFers. AF Times 31:10 Apr 14 '71
- Be a hover lover. Maj Dale L. Eppinger. illus Combat Crew 22:4-7 Jan '71
- CCT (Combat Crew Training) in the ANG. Cpts Barron D. Gray, Jr and Gary R. Walston. illus USAF Instrs J 9:69-72 Fall '71
- Cadets learn to fly. LtCol N. Shtuchkin. illus Soviet Mil Rev No. 1:34-36 Jan '71
- The care & feeding of fighter pilots. (Reprinted from Airscoop Magazine, July-Aug 1971) illus Interceptor 13:12-13 Nov '71
- College of instrument knowledge (USAF Instrument Pilot Instructor School, Randolph AFB, Tex). Cpts Robert J. McCusker and Philip A. Merkel. illus USAF Instrs J 8:38-42 Spring '71
- Continued participation in flight training as a means of reducing the general aviation accident rate--a revalidation. John D. Dougherty. illus Aerosp Med 42:1121-1122 Oct '71
- Copter pilots trained (at Fort Rucker, Ala). AF Times 32:11 Aug 11 '71
- Equipment + aerodynamics + tactics. (Interview with Col Gen A. Yefimov) illus Soviet Mil Rev No. 8: 13-15 Aug '71
- F-4 film assessing. FltLt Trevor Richardson and Capt Bill Ross. illus USAF Ftr Wpns Rev No. 3:18-32 Fall '71
- Films help reduce pilot training time. AF Times 31:22 Feb 17 '71
- Flight simulators are for you, use them! illus Approach 17:18-20 Sep '71
- Flying time rule end considered. AF Times 31:9 May 26 '71
- Helo pilots--Army automates training. illus Govt Exec 3:20 Jan '71
- Help at the learning center (U.S. Army Aviation School, Fort Rucker, Ala). Lt John H. Zwarensteyn. illus USA Avn Dig 17:26-28 Apr '71
- Here come the Danes. SP5 Patrick Svacina. illus USA Avn Dig 17:65 May '71
- Indoor sight range simulator. Capt Thomas C. Utts. illus USAF Ftr Wpns Rev No. 3:14-17 Fall '71
- Learning center approach. Capt Jack A. Romines. illus USAF Instrs J 8:7-11 Spring '71
- Marine pilot training to end: Foreign program to expand. tab AF Times 31:8 Jul 7 '71
- The new C-141 pilot appears. illus MAC Flyer 18:22-23 Sep '71
- New eagles (training for VNAF pilots at Keesler AFB, Miss). Capt Gary A. Guimond. illus Airman 15: 3-8 Jun '71

PILOTS - ContinuedEducation and Training - Cont'd

- New simulator helps training of controllers. AF Times 31:53 Aug 4 '71
- Off we go into the wild blue (Air Training Command's Undergraduate Pilot Training program). LtCol Pat Murphy. illus Air Reservist 23:4-5 Aug-Sep '71
- Pilot training slashed 20%. George Foster. AF Times 32:1+ Dec 8 '71
- Red Barons all. (Fighter Weapons Instructor Course, Fighter Weapons School, Nellis AFB, Nev) Capt Ralph T. Hood. USAF Instrs J 9:17-19 Fall '71
- Reserve pilot training increases. AF Times 31:10 Jan 27 '71
- Safe instrument flight. illus Approach 16:1-7 Apr '71
- Simulators for pilot training. TIG Brief 23:12-13 Sep 10 '71
- Spatial orientation training. Robert L. Cramer. illus USAF Instrs J 8:25-28 Spring '71
- Special flight conditions. LtCol V. Kuznetsov and V. Rubin. illus Soviet Mil Rev No. 7:23-24 Jul '71
- Spectacular use of Fokker F. 28 by Iberia. D.H. Chopping. illus tab map Interavia 26:581-584 May '71
- 'Stress' tested at Wright-Patterson AFB, Ohio. AF Times 32:40 Sep 15 '71
- They're here (VNAF students at U.S. Army's advanced helicopter training program, Fort Stewart, Ga). Capt James B. McKenzie, Jr. illus USA Avn Dig 17:10-14 Feb '71
- Throw a nickel on the grass. (Teaching angle of attack) Maj Paul S. Lasen. illus Aerosp Safety 27:6-8 Oct '71
- To save the pilot's life. LtCol G. Serebrennikov. illus Soviet Mil Rev No. 10:28-29 Oct '71
- Tools of the trade. LtCol Louis A. Wootton. USAF Instrs J 8:47-50 Spring '71
- Training/evaluation. TIG Brief 23:17 Mar 26 '71
- Training your copilot. 1stLt Philip J. Pignatiero. illus Combat Crew 22:8-9 May '71
- Two distinct "clicks." Capt William J. Ely, Jr. illus USA Avn Dig 17:19-21 Jan '71
- USAF-GAF Air Warfare Instructor Course (for training German fighter pilots at F-104G Fighter Weapons School, Luke AFB, Ariz). illus USAF Ftr Wpns Rev No. 1:46-47 Spring '71
- USAF rotary-wing trainees at (Fort) Rucker (Ala). Armed Forces J 108:13 Mar 1 '71
- Weighing the intangibles. CDR Davidson Luehring. illus Approach 17:36-37 Aug '71

History

- Canada's Yank--Lt A. A. Harrington. Hugh A. Halliday. illus tab Aerosp Hist 18:75-80 Jun '71
- The disappearance of Paul Redfern. Henry S. Villard. illus map Am Avn Hist Soc J 16:47-49 Spring '71
- Jack Purdy--borrowed time pilot. Carroll. R. Anderson. illus Am Avn Hist Soc J 16:50-56 Spring '71
- Journey to Valhalla. Bill Rhode. Am Avn Hist Soc J 16:111-112 Summer '71

PILOTS - ContinuedStatistics

- Pilot training slashed 20%. George Foster. AF Times 32:1+ Dec 8 '71

PILOTS, CIVILHistory

- Journey to Valhalla. Bill Rhode. Am Avn Hist Soc J 16:111-112 Summer '71

PILOTS, COMMERCIAL

- FAA holds two-day hearing to obtain comments on possible regulation changes--age 60 rule. Aerosp Med 42:1355-1356 Dec '71
- Risk of in-flight incapacitation of airline pilots. J.C. Lane. illus tabs Aerosp Med 42:1319-1321 Dec '71
- Study of simulated airline pilot incapacitation: Phase II. Subtle or partial loss of function. C.R. Harper and others. Aerosp Med 42:946-948 Sep '71
- Survey of the medical causes of rejection of applicants for the BEA/BOAC sponsored AB-initio pilot training scheme. R.M. Barnes. illus Aerosp Med 42:941-946 Sep '71

PINSON, Ernest A.

- The year in review: A message from the Commandant. MajGen Ernest A. Pinson. illus Contact 25:2-3 Jul-Aug '71

PIPELINES see Petroleum--Supply and DistributionPIRNIE, Alexander

- New special pay for military lawyers under Pirnie/Inouye plan. James Hessman. tabs Armed Forces J 108:28-29 May 3 '71

PISTOLS

- Are Army generals undergunned? Brooke Nihart. illus Armed Forces J 109:44-45 Oct '71
- The Ingram LIW. Thomas B. Nelson. illus tab Armor 80:50-52 Jan-Feb '71
- A novel machine pistol. Russell S. Robinson. illus Ordnance 55:556-557 May-Jun '71
- Pistol training for combat. Maj William I. Ferrier. MarCor Gaz 55:50-51 Aug '71

History

- The little gun (Deringer) with the big bite. Giles P. Wetherill. illus Soldiers 26:51 Sep '71

PITTS, William F.

- Decision making aspects of the Air Force budget. MajGen William F. Pitts. por AF Compt 5:10-11 Mar '71

PLANETARIA

- (AF) Academy planetarium stimulates cadet learning. illus AF Times 32:34 Oct 6 '71

PLANETSSee also

- Extraterrestrial Life
also planets by name, e.g.,
Earth (Planet)
Mars (Planet)
Venus (Planet)

- Kepler's laws & the Mars orbiters. John R. Millburn. illus tab Spaceflight 13:422-426 Nov '71

PLANNING-PROGRAMMING-BUDGETING SYSTEMSee also

Economic Analysis

Defense budgeting--a new look. Robert C. Moot. illus Army Log 3:4-7+ Jul-Aug '71

Force-structure planning: Considerations, problems, and issues. LtCol Edward Stellini. illus AU Rev 22:2-15 May-Jun '71

Potentials for management improvement. (Adapted from address, Federal Management Improvement Conference, Washington, Sep 21, 1970) Elmer B. Staats. illus Def Mgt J 6:6-10 Feb '71

The role of analysis in PPB. Philip A. Odeen. illus Armed Forces Compt 16:24-28 Spring '71

What price strategy? Col Herman E. Kessler, Jr. illus Mil Rev 51:56-66 Feb '71

PLASTIC MATERIALS

Fiberglass used in interceptor design studies. AF Times 32:40 Nov 24 '71

How to handle teflon hose. H. M. Cooke. illus Aerosp Safety 27:26-27 Oct '71

Plastic examined for use in shells. AF Times 32:47 Oct 13 '71

POGGEMEYER, Herman, Jr

Landing force logistics. MajGen Herman Poggemeyer, Jr. por Def Ind Bul 7:18-21 Fall '71

POLANDForeign Policy

The Polish paradox. SqLdr D. P. Reilly. illus Hawk No. 31:21-26 Feb '70

History

The Polish paradox. SqLdr D. P. Reilly. illus Hawk No. 31:21-26 Feb '70

Politics and Government

The Polish paradox. SqLdr D. P. Reilly. illus Hawk No. 31:21-26 Feb '70

Strategic Importance

The Polish paradox. SqLdr D. P. Reilly. illus Hawk No. 31:21-26 Feb '70

POLAR RESEARCH see Antarctic Research; Arctic ResearchPOLICE

Calling a cop--a better way in Illinois. illus Govt Exec 3:24 Jul '71

LEAA (Law Enforcement Assistance Administration) makes headway in enforcement, court reforms. Samuel Stafford. illus Govt Exec 3:38-40 Feb '71

Mayday: Invasion can't stop Washington. AF Times 31:19 May 19 '71

Nonlethal police weapons. Col Rex Applegate. illus Ordnance 56:62-66 Jul-Aug '71

Republic of Vietnam's National Police. LtCol David E. Shepherd, Jr. illus chart Mil Rev 51:69-74 Jun '71

Urban insurgency in Latin America--its implications for the future. Charles A. Russell and Maj Robert E. Hildner. illus AU Rev 22:54-64 Sep-Oct '71

POLITICAL WARFARE see War--Political AspectsPOLITICSSee also

International Politics

War--Political Aspects

also subdivision Politics and Government under specific countries

Mutual misperceptions: The academic and the soldier in contemporary America. Col Donald F. Bletz. illus Parameters 1:2-13 Fall '71

POLK, James H.

A time of challenge. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Gen James H. Polk. Ret. por Armor 80:28-30 Jul-Aug '71

POLLUTIONSee also

Environment

Air Force testing electric truck, bus. illus Armed Forces J 108:37 Mar 1 '71

Air pollution control at Air Force facilities. TIG Brief 23:15-16 Nov 19 '71

Air pollution--hybrid engines the key? illus Govt Exec 3:13-14 Feb '71

Application of technology (on environment). BrigGen John D. Peters. illus AF Civil Engr 12:2-4 Aug '71

(Army Materiel Command observed ninth anniversary, August 1st) Signal 26:65-66 Oct '71

Army on the offensive--toward a restored and renewed environment. illus Soldiers 26:2-5 Sep '71

Bender: A diversified range of global responsibilities. ADM Chester R. Bender. illus Armed Forces J 108:37-39+ Jan 4 '71

Cast thy bread on troubled waters. (Polluting by ocean dumping) Navy 14:38-39 Mar '71

Chance for survival--life-sustaining water: Your Army keeps it clean. Owen J. Remington. illus Soldiers 26:6-9+ Sep '71

The clean car--waging a war of nerves. Govt Exec 3:19 Dec '71

Clean cars--new way at GSA. Govt Exec 3:18 Jun '71

A clean start. (Army vehicle pollution problem) Michel R. Scott. illus Translog 2:9-10 Sep '71

Controlling water pollution. AF Plcy Ltr for Comdrs: Sup No. 6:30 Jun '71

Cool, clear water. LtCol Joe Calvit. illus Airman 15:20 Jan '71

Electronic "canaries" monitor pollution. Signal 25: 47 Apr '71

Engineers of the environment. (Civil Engineering Division, Air Force Weapons Laboratory, Kirtland AFB, NM) AlC Dave Cole. illus Airman 15:25-28 Jan '71

Environmental air pollution effect on pulmonary function. Hurley L. Motley. illus Aerosp Med 42:1108-1110 Oct '71

Environmental impact of power plants. Maj Robert E. Donovan. illus tab Mil Engr 63:5-8 Jan-Feb '71

For local pollution fighters, few problems are theoretical. Samuel Stafford. illus Govt Exec 3:65-66 Nov '71

POLLUTION - Continued

Harbor drift disposal. Patrick A. DeScenza. illus Mil Engr 63:30-33 Jan- Feb '71

Implication of organophosphate pesticide poisoning in the plane crash of a duster pilot. W. Wood and others. illus Aerosp Med 42:1111-1113 Oct '71

Meeting the pollution crisis--old hat to TAC. illus AF Times 32:34 Oct 13 '71

Meteorological support for air pollution control activities. Valentine J. Descamps. illus AF Civil Engr 12:20-22 Aug '71

Meteorological support to air pollution activities. TIG Brief 23:16-17 Sep 10 '71

Mission: Environmental protection. Gen John D. Ryan. illus Airman 15: inside front cover Jan '71; AF Plcy Ltr for Comdrs: Sup No. 3:32 Mar '71

The national environmental crisis--an engineer's view. Maj William B. Willard, Jr. illus Mil Engr 63:375-379 Nov-Dec '71

Oceans--waves of data collected (in Navy's environmental protection program). illus Govt Exec 3:35 Nov '71

Oil on troubled waters. illus Navy 14:31-32 Feb '71

On a clear day. Capt Gary A. Guimond. illus Airman 15:21-24 Jan '71

Pair studies pollution (at Griffiss AFB, NY). AF Times 31:34 Jun 9 '71

Poisons, pollutants & people. William A. Kinney. illus Airman 15:9-12 Jan '71

Politics and change in pollution control. J. Clarence Davies III. illus Def Mgt J 6:46-49 Feb '71

Pollution control jobs await vets. AF Times 32:51 Dec 15 '71

The pollution of the coastal ocean and the Great Lakes. M. Grant Gross. illus tabs US Nav Inst Proc 97:228-243 May '71

Pollution's last gasp. Owen J. Remington. illus Soldiers 26:26-31 Nov '71

Protecting the environment--the Air Force role. Interview. BrigGen M. R. Reilly. illus Airman 15:4-8 Jan '71

Reconnaissance and pollution control. Maj A. D. Pope. illus tab Tac Air Recon Dig 5:31-33 Feb '71

Round two in the fight for clean water. John A. Blatnik. illus Govt Exec 3:18-19 Sep '71

To prevent a world wasteland. George F. Kennan. (Condensed from Foreign Affairs, April 1970) illus Mil Rev 51:23-34 Jan '71

Transportation ecology. 1stLt Charles J. Rouse. illus Translog 2:19-22 Apr '71

2 electric vehicles tested at Langley (AFB, Va). AF Times 31:35 Apr 7 '71

United States Coast Guard: Expanded role in environmental protection. Interview. ADM Chester R. Bender. illus Def Trans J 27:42-46 Sep-Oct '71

Vehicle pollution control. TIG Brief 23:21 Feb 12 '71

Water quality control. Col Wayne S. Nichols and Thomas L. Reilly. illus map Mil Engr 63:179-180 May-Jun '71

POLLUTION - Continued

Waters of hope. MSgt Loren B. Leonberger. illus Airman 15:16-19 Jan '71

With a little help--from our friends. AlC Dave Cole. illus Airman 15:29-31 Jan '71

Laws and Regulations

Cleaning up the waterways. LtCol Thorwald Roger Peterson. illus Mil Engr 63:415-416 Nov-Dec '71

An ephemeral survey of environmental law. Grant C. Reynolds. illus AF JAG L Rev 13:169-183 Summer '71

Federal Refuse Act permit program. TIG Brief 23: 9-10 Jun 18 '71

Round two in the fight for clean water. John A. Blatnik. illus Govt Exec 3:18-19 Sep '71

Study and Teaching

Course (at AFIT's Civil Engineering School) shows how to control pollution. AF Times 31:50 Jul 7 '71

With a little help--from our friends. AlC Dave Cole. illus Airman 15:29-31 Jan '71

POPULATION

Food and people. Don Paarlberg. Persp in Def Mgt, pp 33-40, Autumn '71

World food and population problems. William N. Fraleigh. illus NATO's Fifteen Nations 15:46-49+ Dec '70-Jan '71

PORTAL, Charles F. A.

Marshal of the Royal Air Force Lord Portal of Hungerford. Air Commodore H. Peake, Ret. por Royal Air Forces Qtr 11:176-189 Autumn '71

PORTS see HarborsPOST EXCHANGES see ExchangesPOSTAL SERVICE

APO changes aim at better service. AF Times 31:26 May 26 '71

The airfreightage of airmail. illus Interavia 26:37 Jan '71

Crime fighters of the silent service--U.S. postal inspectors. Robert Horton. illus Army Dig 26: 26-30 Mar '71

Customs getting tougher--new screening set up. AF Times 31:16 Jun 2 '71

Customs to inspect parcels for drugs. AF Times 31:2 May 26 '71

Drug hunt allows opening of letters. AF Times 31:6 Jul 7 '71

Drug traffic drops in military's mail--surveillance improves. Tony McHale. AF Times 32:20 Oct 27 '71

House OKs free mail for all troops o'seas. AF Times 32:2 Oct 20 '71

New horizons for Postal Service. Leon Shloss. illus Govt Exec 3:32+ Feb '71

Official mail or personal mail--what's the difference? TIG Brief 23:14 Sep 24 '71

POSTAL SERVICE - Continued

'Official' mail tightened. AF Times 32:20 Sep 15 '71

Packaging and Materials Handling Seminar. (DSA Convention, 1971) MajGen J. G. Kalergis and others. illus tabs Review 51:43+ Nov-Dec '71

Packaging of classified material. TIG Brief 23:20 Aug 27 '71

Postal Service massive facilities program. Vincent F. DeCain. illus Govt Exec 3:23 Aug '71

Theft and vandalism at postal facilities. TIG Brief 23:9-10 Dec 31 '71

Use of personal mail drop boxes for dispatch of official mail in oversea locations. TIG Brief 23:7 Oct 8 '71

History

Riders of the Pony Express. Philip R. Smith, Jr. illus Soldiers 26:56-59 Jul '71

Six million miles--the story of Varney Air Lines. Barrett Tillman. illus Am Avn Hist Soc J pt 1, 16:175-183 Fall '71; pt 2, 16:244-250 Winter '71

POTTS, Ramsey D., Jr

President of the AFHA. por Aerosp Hist 18:3 Mar '71

POWER, Thomas S.

Gen Thomas S. Power--1905-1970. por obit AF & Space Dig 54:17 Jan '71

POWER PLANTS see

Helicopters, Military--Power Plants
Nuclear Power Plants
Steam Plants
Tanks, Military--Power Plants

POWER SOURCES see

Electric Power Nuclear Power Plants
Generators, Electric Space Vehicles--Power Supply

PREFLIGHT INSPECTIONS

Fuel exhaustion. illus Approach 16:1-7 Mar '71

Fuel exhaustion. Capt Alfred J. Bevilacqua. illus USA Avn Dig 17:36-38 Mar '71

PREJUDICES, RACIAL see Race RelationsPREPARATORY SCHOOLS

1st (AF Academy) Prep director (Col Lee G. Black) cited on retiring. AF Times 31:29 Feb 17 '71

Shaping up for the Academy. (Air Force Academy Preparatory School) William D. Madsen. illus AF Mag 54:35-37 Nov '71

An up-to-date system for procuring officers. Capt T. R. O'Neill. Army 21:52-53 Jun '71

PREPAREDNESSSee also

Air Defenses
Civil Defense
Defenses

Do we deserve our dearly bought freedom. Editorial. Officer 47:8+ Aug '71

Dr Marrs cites advances in total force plan--Reserves must prove ability to meet new role. Interview. Theodore C. Marrs. illus Officer 47:20-21+ Nov '71

PREPAREDNESS - Continued

The focus is on contingency planning. Maj Hermann F. Engelbach, Jr and Capt Peter LoPresti. illus AF Civil Engr 12:12-13 Aug '71

Industrial preparedness planning. LtCol Robert A. Kemp. illus Mil Engr 63:79-81 Mar-Apr '71

Is U.S. star falling? 1973 budget expected to keep current force structure but reduce U.S. military readiness. George W. Ashworth. illus Sea Power 14:12-17 Dec '71

The key to survival--preparedness. Col Claude G. Baughman. illus Review 51:31-32+ Jul-Aug '71

Mobilization priorities. A.A. Bertsch. Ordnance 55:350-352 Jan-Feb '71

Partnership in disaster preparedness. John E. Davis. illus Def Ind Bul 7:10-11 Winter '71

Plans for preparedness. VADM Eli T. Reich. Ordnance 55:446-450 Mar-Apr '71

Total Force concept. (Remarks, ROA Convention, San Diego, Calif, June 18, 1971) Theodore C. Marrs. AF Plcy Ltr for Comdrs: Sup No. 9:7-12 Sep '71

PRESIDENTS--U. S.

Around the world with SAM (Special Airlift Mission, which transports the President and other distinguished personages). Majs Jessie C. Baldock and Bernard E. Wilson. illus Navigator 18, No. 2: 11-13 '71

Congress and President: NATO troop-reduction conflict. Stanley L. Harrison. illus Mil Rev 51:13-24 Sep '71

FDR and the Guess Where II. Robert C. Mikesch. illus AF Mag 54:96-100 Feb '71

Military challenge in the 1970's. Stanley L. Harrison. illus MarCor Gaz 55:28-31 Jan '71

Military men at the White House. James D. Hessman. illus Armed Forces J 108:20-21+ Feb 1 '71

Oklahoma ANG begins communications mission. AF Times 31:44 May 19 '71

Presidential control of nuclear weapons in limited war situations. (Research paper, School of Naval Warfare, 1970) CDR Hugh F. Lynch. illus Nav War Col Rev 23:71-88 Feb '71

PRESSURE PATTERN FLIGHT see Navigation, AirPRESSURE SUITS

Apollo 14--suit tests to avoid Soyuz setback. AF Times 31:40 Aug 4 '71

Re-evaluation of emergency pressurization requirements for brief flights above 50,000 feet. Charles L. Wilson. illus tabs Aerosp Med 42:183-185 Feb '71

Role of anthropology in Air Force systems. Milton Alexander and others. illus tabs Aerosp Med 42: 388-393 Apr '71

Space suit navigator. Maj Curtis D. Dale and Capt Curtis E. Kelly. illus Navigator 18, No. 2:26-28 '71

(A tragic and totally unexpected end to the Salyut mission) Interavia 26:900 Aug '71

PRESTIGE IN MILITARY SERVICE

American strength: Keystone of peace. (Remarks, U.S. Military Academy, West Point, NY, May 29, 1971) Richard Nixon. AF Plcy Ltr for Comdrs: Sup No. 7:25-28 Jul '71

Blueprint for tomorrow. Lt Wendell R. Cochran. illus Infantry 61:30-33 Jul-Aug '71

Don't let it wear thin. LtCol Albert N. Garland, Ret. illus Infantry 61:32-36 Sep-Oct '71

Mutual misperceptions: The academic and the soldier in contemporary America. Col Donald F. Bletz. illus Parameters 1:2-13 Fall '71

The Navy enlistee, 1975--from where? illus US Nav Inst Proc 97:105-106 Sep '71

Volunteer Army: How it looks to a company commander. Capt Robert B. Killebrew. illus Army 21:19-22 Mar '71

PRINCIPLES OF WAR see Military Art and SciencePRISONERS AND PRISONS

Air Force correction program. TIG Brief 23:19 Mar 26 '71

The Air Force correction program for the 1970's. Capt John E. Moye. illus AF JAG L Rev 13:81-95 Spring '71

New facilities planned for rehabilitation (at Lowry AFB, Colo). AF Times 32:24 Nov 24 '71

Operation of correction facilities. TIG Brief 23:8 Dec 31 '71

U. S. prison system: Crisis in corrections. John Wilpers. illus Govt Exec 3:74-75+ Sep '71

History

From Libby (Prison, Richmond, Va) to liberty. A. Porter S. Sweet. illus (Also cutaway) Mil Rev 51:63-70 Apr '71

PRISONERS OF WARSee also

Korean War, 1950-1953--Prisoners of War
Vietnamese Conflict, 1957- --Prisoners of War
World War II--Prisoners of War

Commie captives collect. AF Times 31:19 Apr 14 '71

Counter insurgency--the problem of prisoners. Simon Hutchinson. Royal United Svcs Inst for Def Studies J 116:48-51 Sep '71

The Geneva Conventions. LtCol J.H. Olds. illus tab MarCor Gaz 55:34-38 Feb '71

Handling and interrogation of prisoners of war. Maj Karl L. Chapman. illus Infantry 61:53-54 Jul-Aug '71

Handling of prisoners of war. TIG Brief 23:20 Jan 29 '71

He is America. Maj Jimmy K. Kilbourne. illus Airman 15:48-49 Jan '71

POW sons get draft exemption. AF Times 32:21 Nov 24 '71

VA announces benefits for dependents under new POW legislation. Officer 47:12 May '71

PRISONERS OF WAR - ContinuedHistory

From Libby (Prison, Richmond, Va) to liberty. A. Porter S. Sweet. illus (Also cutaway) Mil Rev 51:63-70 Apr '71

PROBLEM SOLVING

The aerospace industry looks ahead. John W. Anderson. Signal 25:194 Jun '71

Post "think tanks." Col Irvin M. Kent. illus Mil Rev 51:52-55 Apr '71

Solving people problems. Capt Cliff Wieden. MarCor Gaz 55:15-16 Jul '71

PROCUREMENTSee also

Weapons Procurement

Air Force--U.S.

Air Force parts control program. LtCol Gordon L. Carpenter. illus Def Ind Bul 7:26-29 Fall '71

Air Force Systems Command: Rebuilding a lost image. Interview. Gen George S. Brown. illus Govt Exec 3:46-47+ Oct '71

Air Force's ALS (Advanced Logistics System)--vendor disenchantment. (Includes interview with MajGen Frederick E. Morris, Jr) illus Govt Exec 3:27 Jul '71

Career plan set up in procurement field. AF Times 31:3 Jan 13 '71

Central buying for Viet clubs saving money. AF Times 31:20 Jun 9 '71

Local purchase program. TIG Brief 23:15 May 7 '71

Logistics alternatives and risks or living dangerously can be fun. Grace J. Kelleher. Log Spectrum 4: 9-13 Winter '70

Management of Air Force acquisition programs. TIG Brief 23:13 Aug 6 '71

Pricing practices. TIG Brief 23:3 Apr 23 '71

Procurement support for NonAppropriated Fund (NAF) activities. TIG Brief 23:15-16 Dec 31 '71

Armed Forces--U.S.

Armed Services procurement. TIG Brief 23:14 Jan 15 '71

Authority and responsibility for acquisition of material for the Armed Forces. Charts only. Ordnance 55:463-472 Mar-Apr '71

Determining the economic value of reprourement data. CAPT F.H. Lamartin, Jr. illus Def Mgt J 7:48-53 Spring '71

Exchange service procurement solicitations. TIG Brief 23:15 May 21 '71

Financial tables relating to Defense Department budget FY 1972. Tables only. Def Ind Bul 7:26-31 Spring '71

Procurement attitude for the 70s. TIG Brief 23:15 Dec 31 '71

Updating the ASPR (Armed Services Procurement Regulation). Earl W. Kabeiseman. illus Def Ind Bul 7:22-25 Fall '71

PROCUREMENT - ContinuedDefense Dept--Great Britain

Britain to reorganize defense procurement. John Marriott. Armed Forces J 108:20 May 3 '71

The need for closer relations between defence and industry. Reginald Verdon-Smith. Royal United Svc Instn J 116:12-16+ Mar '71

Defense Dept--U.S.

Comments on the problem of value assurance in government contracts. LtCol Howard F. Dick and Capt Richard A. Smith. illus AF JAG L Rev 13:96-115 Spring '71

Credibility gap opens as foes unite against sealift merger. James D. Hessman. Armed Forces J 109:12+ Nov '71

Defense industry--profits versus risks. illus Govt Exec 3:36+ Oct '71

Major defense system acquisition policy announced: DOD Directive 5000.1--a challenge for program managers. illus Def Ind Bul 7: entire issue Fall '71

New interagency study (SPANS--Sealift Procurement And National Security) focuses on maritime problems. James D. Hessman. illus Armed Forces J 108:26-28 Jul 19 '71

Potentials for management improvement. (Adapted from address, Federal Management Improvement Conference, Washington, Sep 4, 1970) Elmer B. Staats. illus Def Mgt J 6:6-10 Feb '71

Procurement attitude for the 70s. TIG Brief 23:15 Dec 31 '71

Production and support (in Defense acquisition). Barry J. Shillito. illus Def Ind Bul 7:6-8 Fall '71

Profit--policy changes coming up. Govt Exec 3:26-27 Apr '71

Small business specialists. TIG Brief 23:16 Mar 12 '71

There's so much to be done. J. Ronald Fox. illus Armed Forces Compt 16:29-34 Spring '71

What should weapons systems cost? LtCol Richard J. Lorette. illus Govt Exec 3:62-63+ Apr '71

National Guard--Army--U.S.

Army rushes riot training and gear. Natl Guardsman 25:24 Feb '71

Navy--U.S.

Problems and prospects of the United States shipbuilding industry. (Lecture, Naval War College, 1971?) Ellis B. Gardner, Jr. illus Nav War Col Rev 24:13-20 Oct '71

United States

Government procurement under the microscope (of Commission on Government Procurement). Leon Shloss. illus Govt Exec 3:35-37 Mar '71

Is there a better way to spend \$60-billion per year? James D. Hessman. tab Armed Forces J 108: 26-28+ Apr 19 '71

Needed: Basic federal procurement principles. Donald N. Pitts. illus Govt Exec 3:49+ Nov '71

The procurement jungle. Claude Witze. Aerosp Intl 7:10-12 Dec '71; AF Mag 54:10-12 Dec '71

PRODUCTION see IndustryPROFESSIONAL MILITARY EDUCATION see Staff CollegesPROFESSIONALISM see Military Service as a ProfessionPROFICIENCY PAY

Are ex-officers careerists? AF Times 31:3 Apr 28 '71

Changes sought in fly pay rule. AF Times 31:8 Feb 3 '71

Division of super pay, WAPS could hurt. AF Times 32:17 Nov 24 '71

E-8s named for hikes, super pay. Bruce Callander. AF Times 32:1+ Dec 15 '71

15 per cent of E-8s get super pay. AF Times 32:3 Dec 15 '71

Fine print limits E-8s' super pay. AF Times 32:19 Dec 15 '71

It's time to guess when to re-up--VRB, pro-pay at stake. AF Times 31:53 Feb 3 '71

Many to lose VRB, p(roficiency)-pay. Bruce Callander. tabs AF Times 31:1+ Apr 7 '71

A new way to pro pay. MSgt Loren B. Leonberger. illus Airman 15:22-24 Jul '71

The other pro pay option. Bruce Callander. AF Times 31:13 Apr 7 '71

Over 15% 'eligibles' to gain super pay. AF Times 31:15 May 5 '71

Planners tussle with superior pay. AF Times 31:13 Feb 17 '71

Pro pay debated for ex-officers. AF Times 31:21 Jun 2 '71

Pro pay eligibility rules outlined. AF Times 31:54 Apr 14 '71

Pro pay revisions outlined--'superior performance' added. tab AF Times 31:4 May 5 '71

Pro pay rules toughen--monthly certification. AF Times 31:4 Jul 21 '71

Pro pay will see-saw. AF Times 31:1+ Feb 10 '71

Proficiency pay (for enlisted Marines). MarCor Gaz 55:5 Sep '71

Proficiency (pro) pay. TIG Brief 23:12 Jul 23 '71

Recruiters collect \$50 in pro pay. Bruce Callander. AF Times 31:1+ Jan 13 '71

S-pay rules eased. Bruce Callander. AF Times 31:1+ Jul 7 '71

6100 NCOs get raise. Bruce Callander AF Times 32:1+ Sep 1 '71

Special duty pay approved for TIs (Training instructors at Lackland AFB, Tex). Bruce Callander. AF Times 31:1+ Jun 23 '71

Split of hikes, super pay poses multiple problems. AF Times 32:21 Sep 29 '71

Super pay based on 'percent right.' AF Times 32:22 Oct 13 '71

Super pay eyed for more airmen. AF Times 32:3 Nov 3 '71

Super pay linked to promotion--complex criteria. AF Times 31:4 Apr 28 '71

PROFICIENCY PAY - Continued

- Super-pay plan panel meets--work begins on revision. AF Times 31:13 Jun 2 '71
- Super-pay rules temporary, field reminded. AF Times 31:17 May 19 '71
- 'Superior pay' plugs gap. Bruce Callander. AF Times 31:13 Jan 13 '71
- Superior-pay rules told--WAPS-like formula due for grades E-3 to 6. Bruce Callander. AF Times 31:1+ Apr 21 '71
- 'Superior pay' set for 62,000 EM. Bruce Callander. AF Times 31:1+ Jan 6 '71
- Superior pay system unraveled. Bruce Callander. AF Times 31:13 May 12 '71
- Superior performance proficiency pay. TIG Brief 23:6 Aug 27 '71
- Superior performance proficiency pay. TIG Brief 23:18 Dec 3 '71
- 10,000 new E-5s to get super pay. AF Times 31:3 Jun 9 '71
- Wide variety of conditions can eliminate super pay. AF Times 32:3 Dec 22 '71
- Word due shortly on superior pay. AF Times 31:3 Mar 10 '71

PROGRAM PLANNING

- Applying the systems approach to management. Edmund W. Edmonds, Jr. illus Def Mgt J 6:23-26 Feb '71
- Decision making aspects of the Air Force budget. MajGen William F. Pitts. illus AF Compt 5: 10-11 Mar '71
- (Defense acquisition) policy highlights. Def Ind Bul 7:1-2 Fall '71
- Defense and industry must do a better job. David Packard. illus Def Ind Bul 7:3-4 Fall '71
- The \$50 billion Navy building program--but 10-year 'wish book' lacks high level approval. George W. Ashworth. illus Sea Power 14:24-27 Oct '71
- Force-structure planning: Considerations, problems, and issues. LtCol Edward Stellini. illus AU Rev 22:2-15 May-Jun '71
- The impact of technology on management. Joe C. Jones. illus Def Mgt J 6:16-18 Feb '71
- The military planning process: Human imperfections in its application. LCDR Charles W. Cullen. illus tab Nav War Col Rev 23:52-63 Mar '71
- The military program manager. William F. Finan. illus Def Mgt J 7:37-41 Fall '71
- Monitoring the contractor's planning and control systems--C/SPCS. LtCol Richard J. Lovette and Burt Roth. illus tabs Log Spectrum 4:27-32 Winter '70
- Organization--DOD shifting authority. Interview. VADM Vincent de Poix. illus Govt Exec 3:16 Jan '71
- Prepared for the challenge. MSgt Byron W. Maguire. USAF Instrs J 8:64-67 Winter '70-'71
- A program manager looks at program management. CAPTs M.H. Sappington and W.E. Meyer. illus Def Mgt J 7:42-45 Fall '71

PROGRAM PLANNING - Continued

- The role of analysis in PPB. Philip A. Odeen. illus Armed Forces Compt 16:24-28 Spring '71
- The role of the comptroller (in weapon system acquisition). Robert C. Moot. illus Def Mgt J 7:16-21 Fall '71
- Systems analysis: A missing element in foreign policy planning. (Research paper, School of Naval Warfare) Richard F. Norford. Nav War Col Rev 23: 81-100 Jan '71
- There's so much to be done. J. Ronald Fox. illus Armed Forces Compt 16:29-34 Spring '71
- Toward better management of the development and acquisition of new weapons systems. (Adapted from testimony before House Appropriations Committee, March 18, 1971) David Packard. Def Mgt J 7:2-7 Fall '71
- The training manager. Hyel S. Bittner. USAF Instrs J 8:46-49 Winter '70-'71
- What price strategy? Col Herman E. Kessler, Jr. illus Mil Rev 51:56-66 Feb '71

PROGRAMMED LEARNING

- An educational crisis (calls for change in training philosophy). MGySgt R.J. Reynolds and GySgt R.R. Sorensen. illus MarCor Gaz 55:31-33 Dec '71
- The instructor is essential. Joseph P. Lamos. USAF Instrs J 8:55-59 Spring '71

PROJECT

- See also
Space Project

CHAP

- CHAP assignment procedure altered. Jim Sample. AF Times 32:1+ Nov 17 '71

Corona Harvest

- SEA airpower's effectiveness weighed (by Air University under the code name Corona Harvest). AF Times 31:21 Jun 9 '71
- Study team (at Tactical AirLift Center (TALC)) evaluates airlift (as inputs to Project Corona Harvest). 2dLt Jim Bateman. illus Tac Alft 1:9-11 Apr '71

Mallard

- Signal interviews the military communicators. RADM Francis J. Fitzpatrick and MajGens Gordon T. Gould, Jr and George E. Pickett. illus Signal 25: 80-82+ Jun '71
- TRI-TAC (TRI-department TACTical communications office): Its status and future. Louis A. deRosa. Signal 25:40-42 Jun '71
- TRI-TAC (TRI-departmental activities in TACTical communications): The creation of common tactical communications. Scot MacDonald. illus Govt Exec 3:68-69 Jul '71

100,000

- 100,000 plan on way out. AF Times 31:3 Mar 24 '71
- '100,000' quota cut sharply--recruiters ahead of pace. AF Times 31:6 Apr 7 '71
- Project One Hundred Thousand--its significance to the military lawyer. Capt Edward N. Paslick. illus AF JAG L Rev 13:154-161 Spring '71

PROJECT - Continued100,000 - Cont'd

The social implications of military education and training. (From address, Armed Forces Management Assoc Conference, Los Angeles, Aug 21, 1970) MajGen Frank M. Madsen, Jr. AF Pley Ltr for Comdrs: Sup No. 2:24-31 Feb '71

PRIME

PRIME 70 effectiveness in a SEA tactical unit. Col Donald N. Stanfield. illus AF Compt 5:16-17 Jul '71

Project PRIME and the Air Force. Michael E. Simon. illus tab Armed Forces Compt pt 1, 15:8-15 Summer '70; pt 2, 15:7-11 Fall '70

Palace Dragon

Aircrew rules relaxed for SEA to attract EM volunteers. AF Times 31:5 Jan 20 '71

Volunteers needed for SEA aircrews. AF Times 31:6 May 19 '71

Palace Fly

'Palace Fly' seeks 100 volunteers. AF Times 32:39 Dec 29 '71

SAC offers flying jobs. AF Times 31:22 Feb 17 '71

Palace Gun

Aircrew rules relaxed for SEA to attract EM volunteers. AF Times 31:5 Jan 20 '71

Enlisted fliers tell of combat--'Palace Gun' program. AF Times 31:20 Mar 17 '71

Volunteers needed for SEA aircrews. AF Times 31:6 May 19 '71

Palace Vista

Commands to rotate 120 pilots. AF Times 32:3 Nov 10 '71

300 officers set for 'Palace Vista.' AF Times 31:8 Feb 24 '71

Prime BEEF

Air Guard units deploy to Alaska for building job. AF Times 32:40 Sep 1 '71

Civil engineering Prime BEEF, worldwide capability. TIG Brief 23:20 Aug 6 '71

An exercise in recovery (at Farish Memorial Recreation Area). Capt Victor G. Barnes. illus AF Civil Engr 12:21 May '71

The focus is on contingency planning. Maj Hermann F. Engelbach, Jr and Capt Peter LoPresti. illus AF Civil Engr 12:12-13 Aug '71

A new kind of Air Force civil engineering. Capt Marcus B. Moses. illus AF Civil Engr 12:16-18 Aug '71

Prime BEEF program. Maj Ralph L. Hodge and Capt William T. Heller. illus USAF Instrs J 9:63-68 Fall '71

Prime BEEF vs the doomed structure. illus AF Civil Engr 12:16 Feb '71

RED HORSE

On currying a RED HORSE. 2dLt David W. Bakker. illus AF Civil Engr 12:24-25 Feb '71

PROJECT - ContinuedREFLEX

Project REFLEX (REsource FLEXibility). John W. Cooley. illus Armed Forces Compt 15:12-15 Fall '70

Referral

DOD alters job aids. AF Times 31:3 May 12 '71

Job-hunting assistance given at Pentagon. AF Times 32:54 Aug 18 '71

Retirees also feel pinch in unemployment increase. AF Times 32:6 Nov 10 '71

Targeting your "second career." LtCol James R. Mailler. illus Army Dig 26:42-44 Mar '71

Vets fill ranks of sky marshals. AF Times 31:22 Jan 27 '71

Tektite

Aquanaut sleep patterns during Tektite I: A 60-day habitation under hyperbaric nitrogen saturation. P. Naitoh and others. illus tabs Aerosp Med 42: 69-77 Jan '71

Blood volume changes in divers of Tektite I. Philip C. Johnson and others. illus tabs Aerosp Med 42:423-426 Apr '71

Delineation of emergency surface decompression and treatment procedures for Project Tektite aquanauts. Peter O. Edel. illus tabs Aerosp Med 42: 616-621 Jun '71

Transition

DOD alters job aids. AF Times 31:3 May 12 '71

DOD expands (Project) Transition training. AF Times 31:3 Aug 4 '71

A hard look at Project Transition--could be smoother. LtCol David W. Blackledge. illus Army 21:42-46 Apr '71

Job help expands for vets. AF Times 31:2 Jun 30 '71

Job-hunting assistance given at Pentagon. AF Times 32:54 Aug 18 '71

Job seminars planned. AF Times 32:3 Oct 13 '71

Job training--on duty. Sgt1C Carl Martin. illus Soldiers 26:60-61 Sep '71

Norton (AFB, Calif) gives separateness wide range of training. AF Times 32:24 Sep 1 '71

Operation MEDIHC (Military Experience Directed Into Health Careers). Capt Gary A. Guimond. illus Airman 15:19-21 Dec '71

Pyramid sales schemes lure service separatists. Tony McHale. AF Times 32:4 Nov 24 '71

Some to get more time for Transition training. AF Times 31:4 Jan 6 '71

Training qualifications listed--Transition center announcement expected. Tony McHale. AF Times 32:5 Nov 17 '71

'Transition' site chosen (Forbes AFB, Kan). AF Times 32:10 Dec 8 '71

PROJECT - ContinuedTransition - Cont'd

Your future as a veteran. illus tabs AF Times pt 1, Yes, vets, some do care. Larry Carney. 32:5-6 Oct 13 '71; pt 2, On-duty Transition does help. Bob Schweitz. 32:5-6 Oct 20 '71; pt 3, VA benefits aren't automatic. Bill Drach and Louis Dorsch. 32:42-43 Oct 27 '71; pt 4, GI Bill 'student body' growing. Larry Carney. 32:42-43 Nov 3 '71; pt 5, Vet unemployment dips. Larry Carney. 32:41-42 Nov 10 '71; pt 6, Disability pay confusing. Mel Jones. 32:46-47 Nov 17 '71; pt 7, VA caters to 'new vet.' George Marker. 32:43-44 Nov 24 '71; pt 8, GI home buying gets new life. George Marker. 32:45-46 Dec 1 '71; pt 9, SGLI conversion tips. Bill Kreh. 32:50-51 Dec 8 '71; pt 10, The beneficiary snag. Ruth Chandler. 32:37 Dec 15 '71; pt 11, How 'bout the Reserves. Ed Gates. 32:30-31 Dec 22 '71; pt 12, Dear Congressman. Robert S. Horowitz. 32:29 Dec 29 '71

PROMOTIONAir Force--U. S.See also

Weighted Airman Promotion System

Airman hike Reg(ulation AFR 39-29): Digest of policies. AF Times 32:5 Sep 22 '71

'Automatic' upgrading (to E-2 and E-3) may end. AF Times 32:39 Nov 10 '71

Board corrections up--snafus delay stripes. George Foster. AF Times 31:1+ Apr 14 '71

Boards to weigh Reg(ular) AF eligibles. Ed Gates. AF Times 32:1+ Sep 29 '71

(BrigGen) Talbot, (MajGen) Patterson replace each other (and retirements, promotions, and other reassignments announced). illus Aerosp Med 43: 591 May '71

Defense approval awaited on grade relief proposal. George Foster. AF Times 32:50 Dec 15 '71

Dip seen in stripes quota but fairer distribution set. Bruce Callander. AF Times 31:1+ Jan 20 '71

Dual Go hike system confuses. Ed Gates. AF Times 32:13 Dec 15 '71

E-4 hike rate changes--some earlier, some later. AF Times 31:10 May 12 '71

E-4 list exhausted. AF Times 31:6 Mar 10 '71

E-4 pace changes for some. Bruce Callander. AF Times 32:1+ Sep 8 '71

E-5 hikes go farther; E-4s fall short. AF Times 32:17 Aug 11 '71

E-5, 6 hike rule eased. AF Times 32:3 Aug 18 '71

E-6, E-7 quotas top last cycle. AF Times 31:1+ Jul 21 '71

E-8, E-9 quotas seen increasing. Bruce Callander. AF Times 32:1+ Oct 13 '71

EM hike numbers given. tab AF Times 31:10 Feb 10 '71

EM hike system shows great changes during past four years. AF Times 31:8 May 12 '71

Earlier retirement decision awaited. AF Times 31:8 Jan 27 '71

End to promotions 'by the numbers?' AF Times 32:13 Nov 24 '71

PROMOTION - ContinuedAir Force--U. S. - Cont'd

FY-71 temporary O-6 list cleared; O-3s, 4s go up. AF Times 31:6 Jun 9 '71

FY 72 officer temporary promotion program. tab Contact 25:26 May-Jun '71

Fair hike chances due FY '73. Bruce Callander. AF Times 31:1+ Jun 16 '71

Fine print limits E-8s' super pay. AF Times 32:19 Dec 15 '71

First shirt skill calls for E-7, up. AF Times 31:10 Mar 24 '71

Hike-wait change break for some. AF Times 32:4 Sep 22 '71

Irwin, Worden advanced via space hike program. AF Times 32:2 Aug 25 '71

June stripes put at 16,669. Bruce Callander. AF Times 31:1+ Jun 2 '71

Mission: You! Interview. LtGen Robert J. Dixon. illus tab Airman 15:25-32 Jul '71

The motivation of excellence. David D. Korten. illus AU Rev 22:23-28 May-Jun '71

NCOs revise job skill tests. AF Times 31:36 Apr 28 '71

New AF generals lists announced. tabs Armed Forces J 108:14+ Feb 1 '71

New career plan (TOPCAP) approved for EM. Bruce Callander. AF Times 31:1+ Jun 9 '71

The new EM hike philosophy. AF Times 32:13 Sep 8 '71

New effort tries to find supergrade 'points plan. Bruce Callander. AF Times 31:1+ Mar 24 '71

New out actions shelved. Bruce Callander. AF Times 31:1+ Feb 24 '71

New rules' boost E-4 hike eligibles. Bruce Callander. AF Times 31:1+ Mar 10 '71

90% of eligibles will make E-4. AF Times 31:4 Mar 17 '71

Normal E-5 quota seen--problems only temporary. Bruce Callander. AF Times 32:1+ Nov 17 '71

Officer ceiling request to go to Congress soon. AF Times 31:19 Jul 21 '71

Officer reforms planned--earlier hikes, big bonuses. Bob Schweitz. AF Times 31:1+ Jan 20 '71

The officer temporary promotion program. LtCol Paul C. Zinsmeister, Jr. tab AF Pley Ltr for Comdrs: Sup No. 1:11-13 Jan '71

PW-MIA to get eagles. George Foster. AF Times 31:1+ Mar 24 '71

Post-promotion freeze for NCOs to remain. AF Times 31:2 Jun 23 '71

Promotion of airmen. TIG Brief 23:15 Oct 8 '71

Promotion view mixed--field grades look good but enlisteds clouded. AF Times 32:1+ Nov 3 '71

'Quickie' promotions approved for dentists. AF Times 32:2 Nov 10 '71

Screening requested by JOCs. AF Times 31:9 May 19 '71

PROMOTION - ContinuedAir Force--U.S. - Cont'd

Second chance unlikely for promotion refusers.
AF Times 31:10 Jan 13 '71

Senate hike OK widens. George Foster. AF Times
31:1+ Jul 14 '71

Severance pay for EM held essential. Bruce
Callander. AF Times 32:13 Dec 15 '71

Split of hikes, super pay poses multiple problems.
AF Times 32:21 Sep 29 '71

Stripes to E-9 delayed. AF Times 32:2 Dec 8 '71

Super pay linked to promotion--complex criteria.
AF Times 31:4 Apr 28 '71

Super-pay plan panel meets--work begins on revision.
AF Times 31:13 Jun 2 '71

Supplementals slow Corrections Board. AF Times
31:24 May 5 '71

Supplementary EM hikes put on a 'no-fault' basis.
AF Times 32:17 Sep 22 '71

TOPCAP allows no exceptions. Bruce Callander.
AF Times 32:13 Oct 13 '71

Temporary promotion of commissioned and warrant
officers. TIG Brief 23:10 May 21 '71

Test for E-8 hike needed for July 1. AF Times 31:5
Jun 16 '71

They call it TOPCAP. Maj Norbert R. K&us.
illus tab Airman 15:11-15 Sep '71

3 will advance to b(rigadier) g(eneral) May 1 (and
reassignments announced). AF Times 31:4
Apr 28 '71

Top-4 mix for '72 may pose trouble. Bruce Callander
AF Times 31:13 Feb 17 '71

20 generals named for new positions. AF Times 31:4
Jun 9 '71

WAPS scores use percent. Bruce Callander. AF
Times 32:1+ Sep 29 '71

Wells, strict IG retires in August (and promotions
and reassignments announced). AF Times 31:8
Jul 28 '71

Year groups and DOR. AF Times 31:13 May 19 '71

Statistics

Air Force promotions to drop sharply in FY 72. tabs
Armed Forces J 108:11-12 Mar 1 '71

Breakout given for E-6, 7 hikes. AF Times 31:4
Feb 24 '71

Data given on E-5 selections. tab AF Times 31:4
Jun 2 '71

E-6, 7 hike statistics given. tab AF Times 31:5+
Mar 3 '71

E-8s named for hikes, super pay. Bruce Callander.
AF Times 32:1+ Dec 15 '71

8800 win hikes to tech, master (sergeant). tab AF
Times 31:10 Feb 10 '71

Field-grade hikes received by 255. AF Times 32:8
Sep 8 '71

15,095 EM set for hikes--E-4s total 8476. AF Times
32:3 Oct 6 '71

PROMOTION - ContinuedAir Force--U.S. - Cont'dStatistics - Cont'd

59% win hike to O-4. George Foster. AF Times 31:1+
Feb 3 '71

5600 to win O-4, 5, 6. George Foster. AF Times 31:1+
Apr 7 '71

48% of missilemen win O-4 hike. AF Times 31:11
Feb 24 '71

499 officers due for October hikes. AF Times 32:2
Oct 6 '71

Hikes to O-4, 5, 6 look rosy in '72. George Foster.
AF Times 31:1+ Feb 10 '71

January supergrade quotas advance last from '70
list. AF Times 31:20 Jan 6 '71

Kent to get 3d star: 7 (general) officers to move up.
AF Times 32:2 Oct 27 '71

New AF generals less experienced. tabs Armed
Forces J 108:14+ Jan 4 '71

950 win eagles: 124 advance now. AF Times 31:8
Jul 7 '71

19 percent win hikes to E-9--statistics given. AF
Times 32:5 Dec 15 '71

1931 named for permanent l(ieutenant c(olonel). tabs
AF Times 31:19-20 May 5 '71

19,000 hikes due on May 1. Bruce Callander. AF
Times 31:1+ May 5 '71

90,000 picked for E-4. AF Times 32:9 Sep 15 '71

O-4, 5, 6 hikes set at 23,150. George Foster. tabs
AF Times 31:1+ May 5 '71

Officers advance August 1. George Foster. AF Times
31:1+ Aug 4 '71

189 doctors rise to O-5, 6--liberalized criteria.
AF Times 31:8 Jan 20 '71

125 'fast burners' get O-4 leaves. AF Times 31:4
Feb 3 '71

Only 21,239 to win E-5 in June cycle. AF Times 31:3
May 19 '71

Pilots score best--3084 selected for l(ieutenant)
c(olonel). George Foster. AF Times 32:1+
Sep 22 '71

ROPA O-4s chosen--includes 121 actives. AF Times
31:6 Jan 20 '71

Reg(ular) AF majors picked. AF Times 32:2
Oct 13 '71

Second star won by 35--5 advance soon. tabs AF
Times 31:3 Feb 10 '71

7 due stars July 1 (and other promotion plans an-
nounced). George Foster. AF Times 31:1+
Jun 30 '71

718 win selection for permanent O-6. AF Times 31:
51 Jun 30 '71

72 named for permanent W-4. AF Times 31:35
Mar 31 '71

Stripes boost set for FY-72. Bruce Callander. tab
AF Times 31:1+ May 12 '71

Stripes pace holding firm. Bruce Callander. AF
Times 31:1+ Feb 3 '71

PROMOTION - ContinuedAir Force--U.S. - Cont'dStatistics - Cont'd

- 10,071 EM hikes slated. Bruce Callander. AF Times 31:1+ Mar 3 '71
- 12,986 to win stripes next month. Bruce Callander. AF Times 31:1+ Jun 30 '71
- 20,755 named for hikes to E-5. AF Times 32:4+ Dec 8 '71
- 20,755 win hikes to E-5. Bruce Callander. AF Times 32:1+ Dec 1 '71
- 23,810 on lists for E-6,7 hikes. AF Times 31:4 Jul 28 '71
- 22,285 get stripes--August quotas set record for E-5,6,7. Bruce Callander. AF Times 31:1+ Aug 4 '71

Armed Forces--U.S.

- EM problems hit all Services. AF Times 32:24 Oct 20 '71
- Earlier retirement decision awaited. AF Times 31:8 Jan 27 '71
- Promotions not affected by freeze. Bob Schweitz. AF Times 32:1+ Sep 1 '71
- Star status: Army, Navy, Air Force. Regular feature in issues of Armed Forces Journal
- 2 on Apollo 14 get hike; Shepard star rumored. AF Times 31:2 Feb 24 '71

Army--U.S.

- Army about to lose automatic O-3 hike. AF Times 31:5 Feb 17 '71
- Army tells rules for hike boards. AF Times 32:20 Aug 11 '71
- Army's up-or-out rules will take effect in July. AF Times 31:18 Jan 27 '71

Statistics

- Army names 37 new major generals, 80 brigadier generals. tab Armed Forces J 108:18-19 Jun 7 '71

Marine Corps--U.S.

- Degrees for staff NCOs. MSgt J.W. Lontos. MarCor Gaz 55:52 Aug '71
- Revise the fitness report. Col Richard H. Jeschke, Jr. MarCor Gaz 55:53-54 Aug '71
- USMC names new generals. Armed Forces J 108:14 Aug '71

Statistics

- SNCO TIG, service (for FY '71). tab MarCor Gaz 55:7 Aug '71

National Guard--Air Force--U.S.

- AF announces Reserve, ANG general officer promotions. Armed Forces J 108:18 May 3 '71
- Promotion Board. Col John W. Huston. illus Air Reservist 23:12 Aug-Sep '71
- Promotion tips. Col John W. Huston. Air Reservist 23:12 Nov '71
- Reserve, ANG stars approved. AF Times 31:21 Aug 4 '71
- WO hike nixed for Reserves. AF Times 31:6 Jan 6 '71

PROMOTION - ContinuedNational Guard--Army--U.S.Statistics

- Army Guard's major-to-lieutenant colonel selection rate sags. Natl Guardsman 25:14-15 Apr '71

Navy--U.S.

- Emphasis on youth as Navy flag board convenes. Armed Forces J 108:16-17 May 3 '71
- Major command. RADM G.S. Morrison. illus US Nav Inst Proc 97:14-17 Aug '71
- President names 49 for flag rank. tab Armed Forces J 108:15-16 May 17 '71
- An unnumbered Z-gram: CNO's 'up or out' policy. Armed Forces J 108:15-16 Mar 15 '71

Statistics

- Navy names 1,690 for promotion. tabs Armed Forces J 108:15+ Jan 18 '71

Reserve Forces--Air Force--U.S.

- AF announces Reserve, ANG general officer promotions. Armed Forces J 108:18 May 3 '71
- AFRes ends 'unit' hikes to colonel. AF Times 32:3 Aug 25 '71
- Hike standards set by Reserves. AF Times 31:2 Mar 17 '71
- Non-ADs favored for ROPA 1(lieutenant) c(colonel). AF Times 31:20+ May 5 '71
- Promotion Board. Col John W. Huston. illus Air Reservist 23:12 Aug-Sep '71
- Promotion tips. Col John W. Huston. Air Reservist 23:12 Nov '71
- Quality worries Reserve--'back door' hikes end. AF Times 32:2 Sep 8 '71
- Reserve, ANG stars approved. AF Times 31:21 Aug 4 '71
- Senate hike OK widens. George Foster. AF Times 31:1+ Jul 14 '71
- Stars nominated for 15 (AF) Reservists. AF Times 31:4 Apr 28 '71
- WO hike nixed for Reserves. AF Times 31:6 Jan 6 '71

Statistics

- 891 non-AD Reserves named for ROPA major. AF Times 31:5 Jan 27 '71
- Force-out hits 438 captains. George Foster. AF Times 31:1+ Mar 3 '71

PROPAGANDASee also

- Vietnamese Conflict, 1957- --Propaganda
- National suicide? Ernest Cuneo. illus Ordnance 55: 536-538 May-Jun '71
- Power, strategy, and will. Col Ralph L. Giddings, Jr, Ret. AU Rev 22:19-26 Jan-Feb '71

PROPERTY, GOVERNMENT

- Air Force inventory of real property. TIG Brief 23:22 Oct 8 '71
- *Proprietary jurisdiction. Capt Richard F. Papcun. illus AF JAG L Rev 13:116-127 Spring '71

PROPULSION SYSTEMSSee also

Boosters
Thrust

also specific types of propulsion, e.g.,

Electric Propulsion
Ion Propulsion
Nuclear Propulsion

Gas turbine propulsion in warships. CAPT Donald I. Thomas, Ret. illus tab US Nav Inst Proc 97:101-103 Jun '71

Problems of interstellar propulsion. Alan Bond. illus tabs Spaceflight 13:245-251 Jul '71

PROXMIRE, William

Opposition to U.S. STOL research funding. Interavia 26:659-660 Jun '71

Proxmire-Mathias defeated; DOD "saves" 1.7-million jobs. Armed Forces J 108:13-15 Jul 19 '71

Proxmire's B-1 charge rebutted. AF Times 31:17 Jul 9 '71

PSYCHOLOGICAL RESEARCH

Flying and expressive self-testing: An exploratory consideration. John M. Roberts and CDR James O. Wicke. tabs Nav War Col Rev 23:67-80 Jan '71

Stress responses as criteria for personnel selection: Baseline study. Roy B. Mefferd, Jr and others. tabs Aerosp Med 42:42-51 Jan '71

PSYCHOLOGICAL WARFARESee also

Vietnamese Conflict, 1957- --Psychological Aspects
War--Psychological Aspects

Psychological operations and air power: Its hits and misses. Col Robert L. Gleason. illus AU Rev 22:34-46 Mar-Apr '71

History

Psychological operations and air power: Its hits and misses. Col Robert L. Gleason. illus AU Rev 22:34-46 Mar-Apr '71

PSYCHOLOGYSee also

Behaviorism (Psychology)
Motivation (Psychology)

PUBLIC INFORMATIONSee also

Office of Information--Air Force

Information programs hit with \$6 million slash. AF Times 31:20 May 26 '71

News program held poor idea. AF Times 31:5 Jul 28 '71

Recruiting funds to jump--new equipment planned. AF Times 31:50 Mar 17 '71

Speed the news. Henry C. Sivewright. illus Army Dig 26:66-67 Feb '71

TV news reports damaging. LtCol Tom D'Andrea. MarCor Gaz 55:57 May '71

PUBLIC LANDS see Property, GovernmentPUBLIC OPINIONSee also

Vietnamese Conflict, 1957- --Public Opinion

PUBLIC OPINION - Continued

America's critics: A case of short memory. Reuben Slonim. illus Aerosp Intl 7:50-51 Dec '71; AF Mag 54:50-51 Dec '71

Challenge to technology. Edward G. Uhl. illus Ordnance 56:32-34 Jul-Aug '71

The fickle public affection. BrigGen S. L. A. Marshall, Ret. illus Natl Guardsman 25:12-16 Jul '71

Military challenge in the 1970's. Stanley L. Harrison. illus MarCor Gaz 55:28-31 Jan '71

National suicide? Ernest Cuneo. illus Ordnance 55:536-538 May-Jun '71

New concept of security. Gen Maxwell D. Taylor. Ordnance 56:30-31 Jul-Aug '71

News program held poor idea. AF Times 31:5 Jul 28 '71

On revitalizing space. Joseph Karth. (Reprinted from Skyline, vol 29, no. 3, 1971) Space World H-11-95:32 Nov '71

Political beliefs and public opinion. (Address, Naval War College, 1971?) Lloyd A. Free. illus tabs Nav War Col Rev 23:4-16 Mar '71

Politics and change in pollution control. J. Clarence Davies III. illus Def Mgt J 6:46-49 Feb '71

Public management of national security. (From remarks, World Affairs Council of Orange County, Los Angeles, Nov 20, 1970) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 2:2-7 Feb '71

The Pueblo Crisis and public opinion. LCDR William A. Armbruster. illus tabs Nav War Col Rev 23:84-110 Mar '71

The road back. G. William Whitehurst. illus MarCor Gaz 55:18-20 Apr '71

The role of public opinion. Lloyd A. Free. Forum No. 12:55-66 Spring '71

The role of the press. (Remarks, panel discussion on "Communication Media," Naval War College, 1970?) Neil Sheehan. illus Nav War Col Rev 23:4-7 Feb '71

Vacillation and stability in American public opinion toward military and foreign policy. James Clotfelter. illus Nav War Col Rev 23:55-61 Feb '71

PUBLIC RELATIONS

For material on the relations between a base and its neighboring community see Community Relations.

CBS won't do it again. Claude Witze. illus AF Mag 54:14-16 Aug '71

Air Force

Information programs hit with \$6 million slash. AF Times 31:20 May 26 '71

Official directives: For non-people? Tone more vital than contents. Bruce Callander. AF Times 31:13 May 5 '71

Public affairs aspects of the 1968 Reserve mobilization. Maj John D. Williams. illus AU Rev 23:59-67 Nov-Dec '71

Armed Forces

Let's tell our own story. Maj J. St. J. Grey. MarCor Gaz 55:53-54 Sep '71

PUBLIC RELATIONS - ContinuedArmy

Ad program brought results, surprises, questions
George Weiss. Armed Forces J 108:20-21
Jul 5 '71

Army ad program results look encouraging so far--
Army did solicit bigger agencies, contrary to data
given Journal earlier. Armed Forces J 108:17-18+
May 17 '71

Volunteer Army ad contract let. Armed Forces J
108:13-14 Feb 15 '71

Will fate of President Nixon's all-volunteer Force
hinge on 'competition' for nation's 50th largest
ad contract? Benjamin F. Schemmer and George
F. Weiss. illus tab Armed Forces J 108:40-42+
Mar 15 '71

Marine Corps

Marines and the media. Maj John F. Flynn. MarCor
Gaz 55:49-50 Jul '71

Navy

Culebrans win; Navy to be out by 1975. Armed
Forces J 108:12 Apr 19 '71

PUBLICATIONS, MILITARY

See also specific types of publications, e.g.,
Directives Regulations
Manuals Technical Orders

United States

Air Force newspapers, base guides and directories.
TIG Brief 23:19 Oct 8 '71

The DOD magazine empire. Bernadine M. Kopec.
illus tab Armed Forces J 108:42-48 Aug '71

DOD may cut pamphlets. AF Times 31:3 Apr 21 '71

A Trophy for Airman (AFA's Gill Robb Wilson
Trophy). illus Airman 15:43 Nov '71

Why Combat Crew? Maj R. J. Peisher. illus Combat
Crew 22:4-7+ Jun '71

You can tell a fighter pilot, but... (Approach, Mech,
and other publications of Naval Safety Center) illus
Approach 16:26-33 Feb '71

PUBLISHERS AND PUBLISHING

Air Force printing program. TIG Brief 23:14
Feb 12 '71

The DOD magazine empire. Bernadine M. Kopec.
illus tab Armed Forces J 108:42-48 Aug '71

DOD may cut pamphlets. AF Times 31:3 Apr 21 '71

GPO--micropublishing near. illus Govt Exec 3:18
Jul '71

Publish a periodical... or not? Frederick C. Dyer.
illus Armed Forces J 109:44-45 Sep '71

Revolution in printing: GPO goes to microfilm. Leon
Shloss. illus Govt Exec 3:46-48 Jan '71

PUEBLO INCIDENT, 1968

A commentary on the Pueblo affair. Vincent Davis.
illus Aerosp Hist 18:81-83 Jun '71

Commie captives collect. AF Times 31:19 Apr 14 '71

The Pueblo Crisis and public opinion. LCDR William
A. Armbruster. illus tabs Nav War Col Rev 23:
84-110 Mar '71

PUERTO RICO

Additional Culebra hearings promised. Armed Forces
J 108:10 Aug '71

Culebrans win; Navy to be out by 1975. Armed
Forces J 108:12 Apr 19 '71

Navy signs agreement with Culebrans to limit firing.
map Armed Forces J 108:14 Jan 18 '71

(Sen Mike) Gravel amendment to fund Culebra re-
placement. Armed Forces J 108:15-16 Jun 21 '71

PULLER, Lewis B.

Marine--Lewis B. "Chesty" Puller, 1898-1971. por
Col Jeremiah O'Leary. MarCor Gaz 55:16-17
Nov '71

PUNCHED CARD SYSTEMS

Cardpac! Joseph R. Simone. illus Translog 2:8-10
Aug '71

QUALITY CONTROL

AFAFC's 'Checkpoints' provides effective evaluation
Joy Eddins. illus tab AF Compt 5:18-19 Mar '71

"Building blocks" for a productive QC&E (Quality
Control and Evaluation) program. Capt Norbert
A. O'Hare and Capt William L. O'Dell, Jr. illus
AF Civil Engr 12:10-12 Feb '71

Communications-electronics quality control. TIG
Brief 23:11 Mar 12 '71

Do any of these "shoes" fit? TIG Brief 23:2 Nov 5 '71

Effective cost/quality control management. TIG Brief
23:5 Jan 15 '71

Hey, Sarge! Straight talk about how maintenance can
help itself. James H. Smith. illus Aerosp Safety
27:24-25 Nov '71

Invalid QUMRs (Quality Unsatisfactory Material Re-
ports). TIG Brief 23:8 Sep 10 '71

Method for relating multiple performance parameters
to a single incentive uniquely. B. Ostrofsky and
E. G. Triner. illus Log Spectrum 5:25-31+
Winter '71

Quality control. TIG Brief 23:1 Mar 12 '71

Quality service for quality customers. Col Joe O.
Bellino. illus Translog 2:6-7+ Feb '71

USAF materiel deficiency reporting system. TIG
Brief 23:7 Nov 19 '71

QUARTERS ALLOWANCES

BAQ, o'seas pay linked--one rises, other falls. Bob
Schweitz. tabs AF Times 31:1+ Apr 7 '71

BAQ too low in DC. AF Times 31:2 Apr 21 '71

End of Q allotment poses benefit loss. AF Times
31:2 Mar 3 '71

Fair rental plan studied. Bob Schweitz. tab AF Times
32:1+ Aug 25 '71

4000 save BAQ in sub-par units. Jim Sample. AF
Times 32:20 Aug 11 '71

Housing guide shows if new units needed. tab AF
Times 31:2 Jun 30 '71

Housing rates o'seas to rise. Randall Shoemaker.
AF Times 32:1+ Dec 8 '71

QUARTERS ALLOWANCES - Continued

Increase in DAA could hike rent. AF Times 31:8
Mar 24 '71

Is off-base living retention key. Bruce Callander.
AF Times 31:13 Jan 20 '71

Management of bachelor/transient quarters, guest
houses. TIG Brief 23:10 Feb 12 '71

Most won't gain from BAQ raise. AF Times 32:4
Nov 17 '71

On-base quarters--taboo issue aired. Bruce
Callander. AF Times 32:13 Dec 22 '71

O'sea pay won't rise--allowances frozen. AF Times
32:3 Sep 8 '71

Pay, BAQ raises voted for October. Bob Horowitz.
tabs AF Times 31:1+ Jul 14 '71

Quarters hike to end 'Q.' Bob Schweitz. tab AF
Times 31:1+ Feb 17 '71

'Raises' erased oversea. Bob Schweitz. AF Times
31:1+ Jul 21 '71

Senate to act on pay. Bob Horowitz. AF Times 31:1+
May 12 '71

'Short payday' unlikely despite DAA expiration.
AF Times 31:8 Aug 4 '71

Some BAQ increase possible in pay bill. AF Times
31:2 Jun 16 '71

Some could get triple increases. AF Times 31:4
Mar 10 '71

Substandard unit rent rates go up. Randall Shoemaker.
AF Times 32:1+ Dec 22 '71

3d 'illegal' Q payment (rent allowances) to go out this
month. AF Times 32:10 Sep 22 '71

Women's group asks equal BAQ. AF Times 31:6
Feb 3 '71

You can't have your cake. Bruce Callander. AF Times
31:13 May 26 '71

QUESTIONNAIRES see SurveysQUINN, James L.

Education for logistics managers. LtCol James L.
Quinn. illus Log Spectrum 5:15-17+ Winter '71

RIF see Reduction in Force

ROTC see Reserve Officers Training Corps

RVN see Vietnam (Republic)

RACE PROBLEMS see Race Relations

RACE RELATIONS

ATC acts to end racial tensions. AF Times 32:1+ Sep 15 '71

Anti-bias fought, DOD group finds. AF Times 32:4 Aug 25 '71

Applying leadership to people problems. (Remarks, Travis AFB, Calif, July 7, 1971) Gen Jack J. Catton, AF Plcy Ltr for Comdrs: Sup No. 9:29-31 Sep '71

Bases to push job equality. Tony McHale. AF Times 31:8 Jan 6 '71

Black airmen feel racism--communications need cited. Tony McHale. AF Times 31:19 Mar 10 '71

Black EM at Ubon (RTAFB, Thailand) tell about racial difficulties. Capt Bill Brown. illus AF Times 31:22 May 26 '71

Blacks at Ramey (AFB, PR) tell of prejudice. Tony McHale. AF Times 31:20 Jul 28 '71

Brotherhood is the name of the game. Capt Robert P. Everett. illus Airman 15:18-22 Aug '71

Catton sizes up Travis (AFB, Calif)--bosses blamed for riot. Tony McHale. AF Times 31:1+ Jun 16 '71

The commander and the minority mental process. LtCol Earl W. Renfro, Jr. illus AU Rev 23:39-46 Nov-Dec '71

A commander handles complaints. MajGen Jerry D. Page. AF Plcy Ltr for Comdrs: Sup No. 10:15-16 Oct '71

Committee for Minority Affairs (Marine Corps advisory group). MarCor Gaz 55:5 Oct '71

Discrimination? A minority review. LCDR Abe Greenberg and LTJG Charles H. McKeown. tabs US Nav Inst Proc 97:104-106 Jun '71

89 airmen arrested after Travis (AFB, Calif) brawl. AF Times 31:2 Jun 9 '71

Ent (AFB, Colo) denies claims of racial bias. Tony McHale. AF Times 31:3 Apr 7 '71

Equal for all. Capt Gary A. Guimond. illus tabs Airman 15:28-31 Feb '71

Equal opportunity. TIG Brief 23:5 Jun 18 '71

Equal opportunity and treatment of military personnel. TIG Brief 23:5 Jan 29 '71

FBI official (Charles D. Brennan) warns of extremist peril: Awarded ROA citation (at ROA Mid-Winter Conference, Washington, Feb 18-19, 1971). Officer 47:23 Apr '71

Frustration cited in riots--opportunity chief's view. Tony McHale. AF Times 31:1+ Jul 7 '71

"Let's build a better Army." Interview. SGM Silas L. Copeland. illus Soldiers 26:5-7 Jul '71

Military racism cited by (congressional black) caucus. Larry Phillips. AF Times 32:63 Dec 8 '71

Moody (AFB, Ga) forms council for black airmen. AF Times 32:22 Aug 11 '71

Navy takes fast action on equal opportunity program. Armed Forces J 108:13 Jan 4 '71

RACE RELATIONS - Continued

The need for understanding. (Message, March AFB, Calif, June 17, 1971) LtGen Paul K. Carlton. AF Plcy Ltr for Comdrs: Sup No. 10:12-14 Oct '71

Personnel bare troubles to (Human Relations) Council at Bien Hoa (AB, Vietnam). AF Times 31:19 Jul 7 '71

Race accord class eyed as required program. Bob Schweitz. AF Times 31:3 Mar 3 '71

Race Relations Institute formed. AF Times 31:4 Mar 17 '71

Race (Relations) Institute idea dims--drugs get priority. Bob Schweitz. AF Times 31:1+ Jun 23 '71

Racial outbursts feared spreading--Travis (AFB, Calif) called a Watts. Tony McHale. AF Times 31:3 Jun 30 '71

Ryan supports Catton on riots. AF Times 31:20 Jun 23 '71

SAC leaders attend session on drug use (at Drug Abuse and Race Relations Symposium, Norton AFB, Calif, Oct 1971). AF Times 32:26 Oct 20, '71

S. L. A. Marshall speaks out. Interview. BrigGen Samuel L. A. Marshall. illus Infantry 61:46-51 May-Jun '71

SecDef orders end to discrimination in the military. Armed Forces J 108:13+ Jan 4 '71

The trouble with... (Interview with Maj Tyrone P. Fletcher) SP5 Tom Bailey. illus Soldiers 26:4-8 Oct '71

A warriors legacy. Sgt1C Carl Martin. illus map Soldiers 26:47-55 Jul '71

Westmoreland: Facing up to the external and internal challenges. Gen William C. Westmoreland. illus Armed Forces J 108:23-25+ Jan 4 '71

Study and Teaching

Black studies succeed. AF Times 31:20 Apr 28 '71

Educational program in race relations. AF Plcy Ltr for Comdrs: Sup No. 3:29 Mar '71

New Defense (Race) Relations Institute (at Patrick AFB, Fla). AF Plcy Ltr for Comdrs: Sup No. 8: 15 Aug '71

Patrick (AFB, Fla) race (relations) school set. AF Times 31:4 Jul 7 '71

Race relations class outlined in new reg (AFR 50-26). AF Times 32:39 Dec 29 '71

Race relations course begins (at Patrick AFB, Fla). AF Times 32:46 Nov 24 '71

Racial classes (Race Relations Institute) set up (at Patrick AFB, Fla, and Human Relations Training Program planned for Lackland AFB, Tex). Larry Phillips. AF Times 32:1+ Sep 29 '71

SecDef orders all-out effort to improve race relations. Armed Forces J 108:13-14 Mar 15 '71

RADAR

The microwave: From cosmos to cuisine. Col Barney Oldfield, Ret. illus map NATO's Fifteen Nations 16:58-64 Jun-Jul '71

The military aspect of the Paris Air Show. John Marriott. Armed Forces J 108:38-39 Jun 21 '71

'Spin-offs' to progress. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) Al Behnke. Elect Warfare 3:12+ Summer '71

RADAR - ContinuedHistory

Radar yesterday and today. Maj V. Kulikov. illus Soviet Mil Rev No. 1:42-44 Jan '71

Study and Teaching

School of future officers (Kiev Higher Engineer Radio-technical School of the Air Defence Force). LtCol Y. Gulak. illus Soviet Mil Rev No. 9:8-10 Sep '71

Weather Applications

Omera-Segid meteorological radars. illus tab Interavia 26:147 Feb '71

WC-130 specially outfitted for study of hurricanes (Project Seek Storm). AF Times 31:55 Feb 3 '71

RADAR, AIRBORNE

Rotor blade radar (HELMS (HELicopter Multifunction System)) for helicopter. illus Armed Forces J 108:23 Jul 5 '71

SLAR (Side-Looking Airborne Radar) to map uncharted regions. illus map Interavia 26:712 Jun '71

RADAR AIDS TO AVIATION

AIMS (Air traffic control radar beacon, Identification, friend or foe, Mark XII Systems). illus Interceptor 13:22-24 Apr '71

The air controller--his lot made easier by ARTS (Automated Radar Terminal System)-III. Scot MacDonald. illus Govt Exec 3:48+ Jun '71

Air traffic control--crisis in the United States. J. Philip Geddes. tab Interavia 26:1182-1183 Oct '71

Airfield surface detection equipment. illus Interavia 26:170 Feb '71

Automatic air traffic control displays. T.H. Harrison. illus map Interavia 26:934-936 Aug '71

The DAIR (Direct Altitude and Identification Readout) system. Bruce Harrison. illus Approach 17:22-23 Nov '71

European radar and flight data processing systems. illus Interavia 26:1184-1186 Oct '71

Is there a need for precision approach radar? tabs Interavia 26:264-266 Mar '71

Radar-map matching in navigation and attack (for the MRCA). illus Interavia 26:709-710 Jun '71

Runaway-y-y (APN89 doppler radar system). Capt Richard V. Modic. Navigator 18, No. 3:10 '71

Schiphol Airport air traffic control for the seventies. illus map Interavia 26:138-139 Feb '71

Schiphol Airport air traffic control meets requirements for the seventies. illus NATO's Fifteen Nations 16:98-99 Aug-Sep '71

Why the rocket beam? Capt Raymond T. Klosowski. illus Interceptor 13:20-21 Apr '71

RADAR APPROACH CONTROL see Ground-Controlled ApproachRADAR COUNTERMEASURES see Electronic CountermeasuresRADAR EQUIPMENT

AIMS (Air traffic control radar beacon, Identification, friend or foe, Mark XII Systems). illus Interceptor 13:22-24 Apr '71

AN/TPN-18: Ground controlled approach radar. illus Signal 26:26-27 Dec '71

RADAR EQUIPMENT - Continued

(Aerial imagery resembling photographs made by side-looking radar system) illus Signal 25:170+ Jun '71

Air attack threat to field forces greatest since 1942? Brooke Nihart. illus Armed Forces J 108:36-39 Aug '71

Airfield surface detection equipment. illus Interavia 26:170 Feb '71

A camera is a camera is a sensor. LtCol Wilbur A. Glass and MSgt James Grady. illus Signal 25:32-34 Mar '71

The DAIR (Direct Altitude and Identification Readout) system. Bruce Harrison. illus Approach 17:22-23 Nov '71

Deflection vs intensity-modulated as anti-jam radar displays. F.M. Turner. illus Elect Warfare 3:6-7 Winter '71

Electronic warfare, electromagnetic support measures and direction finding. William C. Doyle. illus Signal 26:6-10 Nov '71

The Kelvin Hughes Type 1006 naval radar. illus tab Intl Def Rev 4:490-491 Oct '71

Low-flying targets. LtCol P. Andreyev. Soviet Mil Rev No. 1:27-28 Jan '71

(New radar: AN/SPS-58 and AN/FPS-7) illus Signal 26:70 Sep '71

(New radar equipment for AWACS) Signal 25:98+ Jan '71

A new three dimensional surveillance radar (AN/TPS-32). Ray E. Meyers. illus Signal 25:15-16 Feb '71

Planning considerations for offset aimpoint radar bombing. Robert T. Cetola and Walker B. Cummings. illus USAF Ftr Wpns Rev No. 2:23-32 Summer '71

Radar maximum detection range. Maj I. Chistik. Soviet Mil Rev No. 12:24-25 Dec '71

Radar yesterday and today. Maj V. Kulikov. illus Soviet Mil Rev No. 1:42-44 Jan '71

Maintenance and Repair

In desert conditions. LtCol Y. Voinov. Soviet Mil Rev No. 6:37 Jun '71

In humid climate conditions--maintenance of equipment. Maj I. Chistik. Soviet Mil Rev No. 7:34-35 Jul '71

Testing

Model test for Safeguard (Event Dual Pack). T. E. Kennedy and M. M. Dembo. illus Mil Engr 63:389-391 Nov-Dec '71

RADAR NAVIGATION

AWADS (Adverse Weather Aerial Delivery System). Maj Jimmy D. Carver. Navigator 18, No. 3:16-17 '71

The Andrea Doria-Stockholm disaster: Accidents don't happen. John C. Carrothers. illus US Nav Inst Proc 97:26-32 Aug '71

Area navigation. TIG Brief 23:12 May 7 '71

The Kelvin Hughes Type 1006 naval radar. illus tab Intl Def Rev 4:490-491 Oct '71

SEA scope returns. Capt Richard W. Cooper, Jr. Navigator 18, No. 3:23-24 '71

Why fly a crooked path? Area navigation. Maj Max L. Odle. map illus Aerosp Safety 27:2-4 Jul '71

RADAR STATIONS

- Happy Mountain (Lo Chan, Taiwan). Pictorial. Lt Jerry Dean. illus Airman 15:21-25 Mar '71
- Low-flying targets. LtCol P. Andreyev. Soviet Mil Rev No. 1:27-28 Jan '71
- NADGE--the eyes and brain of NATO's air defence. John Marriott. illus tab NATO's Fifteen Nations 16:70-75 Feb-Mar '71

RADIATIONSafety Measures

- Countering nuclear radiation at sea. J.E. Lubran. illus Intl Def Rev 4:440-441 Oct '71
- How to hang your curtains--on a '135! 1stLt Thomas M. Ballagh. illus Combat Crew 22:18-20 Jul '71
- Nuclear safety certification of equipment and procedures. TIG Brief 23:13 Mar 26 '71
- The protection of astronauts against solar flares. P.M. Molton. illus tab Spaceflight 13:220-224 Jun '71
- Radiation hazards. Capt Harry R. Barowski. illus Combat Crew 22:21-23 Aug '71
- Radiation protection. TIG Brief 23:16 Apr 23 '71

RADIATION METERS

- Countering nuclear radiation at sea. J.E. Lubran. illus Intl Def Rev 4:440-441 Oct '71

RADIO AIDS TO AVIATION

- (Omnidirectional radio ground beacon--AN/TRN-30) Signal 25:64 Jul '71
- Standard lightweight avionics equipment. Maj John M. Apgar. illus tab USA Avn Dig 17:14-18 Apr '71

RADIO ASTRONOMYSee also

Telescopes, Radio

- Einstein theory upheld. Space World H-4-88:24 Apr '71

RADIO BROADCASTING

- Army acts to halt repeats of emergency broadcast failure. Armed Forces J 108:13 Apr 19 '71
- The specter of 'Hanoi Helen.' Bruce Callander. AF Times 31:13 Apr 28 '71

RADIO COMMUNICATIONS

- AN/ARC-144 UHF multimode transceiver. N.R. Avella and W.R. Perrigo. illus tab Signal 26:14-15 Sep '71
- Calling a cop--a better way in Illinois. illus Govt Exec 3:24 Jul '71
- Einstein theory upheld. Space World H-4-88:24 Apr '71
- Electronic warfare. Capt William A. Brickey. illus Infantry 61:28-30 Sep-Oct '71
- Letter from a dead pilot. CW2 James Nixon. (Reprinted in part from U.S. Army Aviation Digest, Feb 1971) illus Interceptor 13:5-7 Jun '71
- A new family of UHF/AM ground-to-air military communication equipment. I. Raviv. illus Signal 25:111-112 Jun '71
- Radio net (Alaskan Forces Radio Network) cheers up Northland (Alaska, northern Canada, and southern Greenland). AF Times 31:59 May 19 '71

RADIO COMMUNICATIONS - Continued

- Radio set AN/GRC-143--the latest in military communications. Arnold M. Jensen and John R. Simkovich. illus Signal 25:9-16 May '71
- Reliable communications regardless of conditions LtGen I Kulakov. Soviet Mil Rev No. 7:18-19 Jul '71
- Selective access to tactical information. W.G. Welchman. Signal pt 1, The problem. 25:17-19 Feb '71; pt 2, Selective access to tactical information. 25:27-31 Mar '71

Equipment

- The Clansman range of combat radios. Maj D.S. Mullineaux. illus tab Intl Def Rev 3:404-406 Dec '70

History

- Electronics was a baby. Harold A. Zahl. Signal 25:38-40 Jul '71

RADIO CORP OF AMERICA

- RCA Alascom takes over the ACS (Alaska Communication System). illus Signal 25:24-26 May '71

RADIO COUNTERMEASURES see Electronic CountermeasuresRADIO EQUIPMENTSee also

Radio Transmitting Equipment

- Military communications--harbinger of the future. MajGen Gordon T. Gould, Jr. Signal 25:32-34 Jan '71
- Radio set AN/GRC-143--the latest in military communications. Arnold M. Jensen and John R. Simkovich. illus Signal 25:9-16 May '71
- Rescue reminders. LtCols Royal A. Brown and Ervin F. Rees. (Reprinted from Combat Safety, Feb 1971) illus Interceptor 13:18-19 Jun '71

RADIO FREQUENCY

- Expanding utilization of satellites. (Address, AFCEA, Washington, June 9, 1971) Edgar A. Grabhorn. Signal 25:64-69 Aug '71
- ('Opening-up' microwave band to VHF would greatly expand television channels) Signal 25:97 Jan '71
- Return of 'IFR.' Richard G. Wiley. illus Elect Warfare 3:7-8+ Convention Issue '71

- Signal interviews the military communicators. RADM Francis J. Fitzpatrick and MajGens Gordon T. Gould, Jr and George E. Pickett. illus Signal 25:80-82+ Jun '71

RADIO NAVIGATION

- Low frequency air navigation in Southeast Asia. Capt Bruce E. Gearhart. illus map Signal 26:20-24 Nov '71

RADIO TRANSMITTING EQUIPMENT

- The Navy's telemetry system program. Brent D. Peterson. illus Signal 26:14-17 Dec '71

RADIOACTIVITYSafety Measures

- Air sampling during Broken Arrow operations. TIG Brief 23:12 Apr 9 '71

RADIOLOGICAL WARFARE see Nuclear Warfare

RAFTS

Lightweight water-crossing equipment for the French Army. illus tabs Intl Def Rev 4:146-147 Apr '71

RAILROADSSee also

Trailer-on-Flat-Car

Costs

Mass transit--an LA to Vegas route? map Govt Exec 3:24 Jan '71

Study and Teaching

"Steel drivin' men." illus Army Dig 26:30 Jan '71

France

Rail transport adopts aviation techniques. Jacques Spincourt. illus tab Interavia 26:79-80 Jan '71

Germany (Democratic Republic)

Night train to Berlin. SP5 Tom Bailey. illus Soldiers 26:36-39 Oct '71

Germany (Federal Republic)

Modern independent management in rail container traffic--a European solution. Wolfman Bollhorn. illus Def Trans J 27:50-53 May-Jun '71

United States

Amtrak: A chance for survival. SP 5 Ronald J. Deltmer and Tom Hook. illus map Translog 2:4-6 May '71

Amtrak's launching raises some serious questions--philosophical and otherwise. illus Govt Exec 3:44+ Jun '71

The 50-mile train without an engine. Joseph J. Cosimano. illus Translog 2:2-3+ May '71

Imagination + expertise = dollars saved. BrigGen E. B. Owen. illus Translog 2:2-4 Aug '71

Mass transit--an LA to Vegas route? map Govt Exec 3:24 Jan '71

Perishables by piggyback--a containerization "natural" for FGE (Fruit Growers Express)-WFE (Western Fruit Express). Cleo Mandes. illus Def Trans J 27:38-40 May-Jun '71

The rail freight classification yard of the future. illus Def Trans J 27:48-49 Jul-Aug '71

Railroad mobility: A service the nation requires. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) R. G. Flannery. illus Mil Engr 63:405-406 Nov-Dec '71

Those rising rail freight rates. 1stLt Charles J. Rouse. illus Translog 2:15-16 Mar '71

United we serve. (Association of American Railroads and Military Traffic Management and Terminal Service) A. E. Highland. illus Translog 2:20-22 Nov '71

RAIN

Rainmakers work on 'dry' clouds. AF Times 32:53 Dec 15 '71

Sow a seed of science. (Cloud seeding by Air Weather Service) Capt John E. Cranfill and Sgt Dave Cole. illus Airman 15:2-6 Nov '71

RANGERSSee also

Commandos

RANGERS - Continued

Montagnards (Vietnamese tribesmen) become Rangers. Maj Thomas M. Johnson. illus Infantry 61:50-51 Jul-Aug '71

ROTC cadets earn Ranger tabs. LtCol Karl V. Hurdle and Maj Clayton Pratt. illus Infantry 61:39-41 Nov-Dec '71

Ranger. Capt Ronald L. Paramore. illus Infantry 61:18-20 May-Jun '71

Thai ranger school. Capt John V. Olson. illus Armor 80:43-46 May-Jun '71

RANKAir Force

Defense approval awaited on grade relief proposal. George Foster. AF Times 32:50 Dec 15 '71

Ex-airmen can get old rank. AF Times 31:2 Jun 9 '71

Grade relief urged. George Foster. AF Times 31:1+ Jul 28 '71

Most Regulars serving above permanent grade--many Reserves don't. tab AF Times 31:5 Feb 17 '71

Officer ceiling request to go to Congress soon. AF Times 31:19 Jul 21 '71

History

From the Archives--how the Royal Air Force officer rank titles were devised. E. B. Haslam. Royal Air Forces Qtr 11:225-228 Autumn '71

Statistics

Air Force promotions to drop sharply in FY 72. tabs Armed Forces J 108:11-12 Mar 1 '71

Armed Forces

Hill asks review of senior ranks--too many eagles, stars? Bob Horowitz. AF Times 32:1+ Nov 24 '71

'Top-heavy' services hit --rank examined. Bob Horowitz. AF Times 32:3 Oct 27 '71

Army

Grade structure can be made appealing. Maj Jerry W. Childers. tab Army 21:56-58 Nov '71

RATED PERSONNEL see Aeronautical RatingsRATINGSSee also

Aeronautical Ratings
Effectiveness Reports

RATIONS

Tighter BAS line ahead? Tony McHale. AF Times 31:1+ May 19 '71

REARMAMENT

The rearming of Germany 1950-1954: A linchpin in the political evolution of Europe. LCDR Benjamin M. Simpson III. illus Nav War Col Rev 23:76-90 May '71

RECHTIN, Eberhardt

How much R&D? Eberhardt Rechtin. por Armed Forces Compt 16:21-23+ Spring '71

RECONNAISSANCE

Commander carries out on-the-ground reconnaissance. Col V. Savelyev. illus Soviet Mil Rev No. 3:13-15 Mar '71

RECONNAISSANCE - Continued

- FAC visual recon. Horace H. Valverde. illus map
Tac Air Recon Dig 5:20-27 Jun '71
- Fighting airborne troops. Col R. Dukov. illus Soviet
Mil Rev No. 1:16-17 Jan '71
- Scorpion and the CVR (T) (Combat Vehicle Recon-
naissance (Tracked)) family. illus tabs Intl Def
Rev 4:462-467 Oct '71
- A search. LtCol R. Trofimov. illus Soviet Mil Rev
No. 2:17-20 Feb '71

Equipment

- New initiatives in armor. (Address, U.S. Armor
Assoc, Fort Knox, Ky, May 14, 1971) Maj
Nathaniel W. Foster, Jr. Armor 80:35-38
Jul-Aug '71

- Wright-Patterson (AFB, Ohio) opens large recon
test facility. AF Times 31:38 Jul 28 '71

History

- Central Recon Establishment deactivated. illus Tac
Air Recon Dig 5:7-9 Feb '71

Study and Teaching

- Indiantown Gap training for leadership--RECONDO:
Rugged innovation for (RECONnaissance-Com-
mando) cadets. F. R. Kent, Jr. illus Officer 47:
12-13 Sep '71

RECONNAISSANCE, AERIALSee also

- Vietnamese Conflict, 1957- --Reconnaissance
Operations

- AEW aircraft in the Sixth Fleet. Armed Forces J
108:19 May 17 '71

- ANG's new cameras on wings, the RF-4C. illus Air
Reservist 23:10-11 May-Jun '71

- An action officer's viewpoint. LtCol Richard W.
Greenlee. Tac Air Recon Dig 5:4-5 Jun '71

- The air situation in the Mediterranean. John
Marriott. illus map tab Intl Def Rev 4:429-432
Oct '71

- Armed recce. Capt Alexander H. C. Harwick. illus
USAF Ftr Wpns Rev No. 2:10-13 Summer '71

- Big Click 70. illus Tac Air Recon Dig 5:4-6 Feb '71

- The eyes of the fleet. CDR J. E. Wise, Jr. (Reprinted
from Naval Aviation News, July 1971) illus Tac
Air Recon Dig 5:12-19 Jun '71

- Hawker Siddley Dynamic's aerial survey sensor on
Wallis gyro. illus NATO's Fifteen Nations 16:92
Feb-Mar '71

- One man's opinion (on tactical reconnaissance needs).
LtCol Cecil J. Poss. illus Tac Air Recon Dig 5:
16-21 Feb '71

- RAF 2 Sq wins Big Click 70. illus Tac Air Recon Dig
5:34-37 Feb '71

- Real time truth no. 1. Capt J. T. Thomas. illus Tac
Air Recon Dig 5:29-30 Feb '71; Real time truth
no. 2. 5:29-31 Jun '71

- Reconnaissance and pollution control. Maj A. D. Pope.
illus tab Tac Air Recon Dig 5:31-33 Feb '71

- The reconnaissance renaissance. Capt James T.
Thomes. illus Tac Air Warfare Cen Qtr Rpt
2:12-15+ Autumn '71

- Reflections of the 60's. (Growth of tactical reconnais-
sance) Maj A. D. Pope. illus Tac Air Rec Dig 5:
32-36 Jun '71

RECONNAISSANCE, AERIAL - Continued

- Remotely piloted aircraft: Not drones--a pilot flies
them, low cost, higher performance against heav-
ily defended targets. George Weiss. illus Armed
Forces J 108:22-24+ May 17 '71

- SR-71 at Mach 3.0 cruise. Col Patrick J. Halloran.
illus tab AF Mag 54:62-64+ Sep '71

- See all, tell all. CW3 John T. Grantham. illus Army
Dig 26:45-47 Mar '71

- Snap 'em, zap 'em. Capt Alexander H. C. Harwick.
illus USAF Ftr Wpns Rev No. 1:48-50 Spring '71

- Tactical-drones LtCol William H. Starnes, Jr. illus
Elect Warfare 3:4-5+ Convention Issue '71

- There are no old bold. Maj Thaddeus R. Pidweed.
illus Tac Air Recon Dig 5:6-11 Jun '71

Equipment

- Swedish developing reconnaissance drone. John Mar-
riott. Armed Forces J 108:21 May 3 '71

History

- Air power in World War I: Sideshow or decisive fac-
tor? Charles D. Bright. illus Aerosp Hist 18:
58-62 Jun '71

- Naval air photo reconnaissance. CDR J. E. Wise, Jr.
illus US Nav Inst Proc 97:57-67 Jan '71

RECORDING INSTRUMENTSSee also

- Sound Recording and Reproducing

RECORDSSee also

- Forms, Military

Air Force

- Base-level aircraft utilization reports. TIG Brief
23:13 Jan 15 '71

- Board corrections up--snafus delay stripes. George
Foster. AF Times 31:1+ Apr 14 '71

- Finance to give pay data. AF Times 31:10 Jan 27 '71

- Military personnel records system. TIG Brief 23:7
Feb 26 '71

- Military records. TIG Brief 23:4 Jun 18 '71

- Officers warned to check on availability of records.
(Military Personnel Center, Randolph AFB, Tex,
converting to microfilm) AF Times 32:6 Dec 22 '71

- Supplementals slow Corrections Board. AF Times
31:24 May 5 '71

RECORDS CENTERSAir Force

- Files center (AF's Military Personnel Center) likes
visits. AF Times 32:39 Dec 29 '71

- Leave records merging (at AF Accounting and Finance
Center). AF Times 32:6 Sep 29 '71

- Officers warned to check on availability of records.
(Military Personnel Center, Randolph AFB, Tex,
converting to microfilm) AF Times 32:6 Dec 22 '71

Navy

- Navy JUMPS at Navy Finance Center Cleveland.
CDR James R. Johnson. illus Armed Forces
Compt pt 1, JUMPS: Past, present and future.
16:22-26 Summer '71; pt 2, The continuing system.
16:4-6+ Fall '71

RECOVERY UNITS

Recovery mission SOP. Capt Jeffery Roy. illus USA
Avn Dig 17:31-33 Nov '71

RECREATION

Are my recreational facilities fire safe? TIG Brief
23:12 Mar 26 '71

Navy Recreation Center, Solomons (Md). illus MarCor
Gaz 55:8-9 Apr '71

Roundup given on FAMCAMPs. tab AF Times 31:4
May 12 '71

Where there's Hope. SP5 Tom Bailey. illus Soldiers
26:16-21 Dec '71

RECRUITING AND ENLISTMENT

See also
Reenlistment

Air Force--CanadaHistory

Recruiting Americans for the Royal Canadian Air
Force, 1939-1942. Fred John Hatch. illus tabs
Aerosp Hist 18:12-18 Mar '71

Air Force--U.S.

Army bonus idea eyed for airmen. AF Times 31:22
Jul 28 '71

Bias seen in WAF recruitment. AF Times 31:3
Apr 7 '71

Bonus weighed for recruits. AF Times 31:4 Jun 16 '71

Guaranteed jobs to lure recruits. Ed Gates. AF
Times 31:1+ Jul 14 '71

The military manpower challenge. (Remarks, Military
Manpower Challenge Symposium, AFA Convention,
Washington, Sep 21, 1971) LtGen Robert J. Dixon.
AF Ploy Ltr for Comdrs: Sup No. 11:23-28 Nov '71

Post-draft decline feared in AF quality, quantity.
AF Times 32:8 Dec 22 '71

'Promises' plague Services. Bruce Callander. AF
Times 31:13 Aug 4 '71

Recruiters collect \$50 in pro pay. Bruce Callander.
AF Times 31:1+ Jan 13 '71

Recruiting falls off during lull in draft. AF Times
32:5 Nov 3 '71

Recruiting in the 1970s. (Address, Air Force Re-
cruiting Conference, San Antonio, Aug 10, 1971)
Gen John D. Ryan. AF Ploy Ltr for Comdrs: Sup
No. 10:2-3 Oct '71

Recruiting problem beginning to hurt. AF Times
31:5 Jul 7 '71

Recruitment of WAF hitting new highs. illus AF
Times 31:21 Jul 28 '71

Services warn of peril if draft is eliminated. AF
Times 32:4 Sep 29 '71

6-year hitch due for top recruits. AF Times 31:4
Jun 30 '71

6-year recruits lured. George Foster. AF Times
32:1+ Sep 15 '71

Volunteer 'bonuses' weighed. AF Times 31:8
Jan 20 '71

Armed Forces

Comparative recruiting systems. Albert A. Blum.
illus tab Mil Rev 51:10-29 Mar '71

RECRUITING AND ENLISTMENT - ContinuedArmed Forces - Cont'd

A view from the pasture. Col Edwin Sterling Leyland,
Ret. NATO's Fifteen Nations 16:28-31 Aug-Sep '71

Armed Forces--Great Britain

British officer recruiting. Col Norman L. Dodd, Ret.
illus Mil Rev 51:37-42 Jul '71

Recruiting-retention woes cross ocean. AF Times
31:19 Aug 4 '71

Armed Forces--U.S.

Congress tells recruiters to avoid wild promises.
AF Times 31:38 Apr 14 '71

Defense manpower. Interview. Roger T. Kelley. illus
Govt Exec 3:55+ Apr '71

Giant boosts in pay asked for recruits. Bob Schweitz.
tab AF Times 31:1+ Feb 10 '71

Recruiter payment regs set. AF Times 32:2 Dec 1 '71

Recruiter slots for retired eyed. AF Times 31:1+
Apr 28 '71

Recruiters boost personnel, autos. AF Times 32:5
Nov 24 '71

Recruiting funds to jump--new equipment planned.
AF Times 31:50 Mar 17 '71

Recruiting job critical in coming years--(Gen John D)
Ryan. AF Times 32:30 Sep 8 '71

'Retiree-recruiter' makes sense. Ed Gates. AF
Times 31:13 May 5 '71

Retiree-recruiter still a good idea. Ed Gates. AF
Times 31:13 Jun 30 '71

Utopian pay rates dreamed for some (Project
TOPDROP, Total Objective Plan for Decreasing
Rates On Promotion). Bruce Callander. AF Times
31:13 Jun 30 '71

Youths rate AF as tops. AF Times 32:15 Oct 20 '71

Army--U.S.

Ad program brought results, surprises, questions.
George Weiss. Armed Forces J 108:20-21
Jul 5 '71

Army ad program results look encouraging so far--
Army did solicit bigger agencies, contrary to data
given Journal earlier. Armed Forces J 108:17-18+
May 17 '71

Army bonus idea eyed for airmen. AF Times 31:22
Jul 28 '71

Kelley defends decision for Army-only bonuses. AF
Times 31:8 Mar 3 '71

Recruit cash eyed for technical jobs. AF Times 32:43
Oct 6 '71

Recruiting, retention are serious problems, Army
officials tell congressional committee. Officer
47:19 Dec '71

(SgtlC James F.) Batson's battalion--and how it
grew. LtCol Tom Hamrick, Ret. illus Army 21:
24-27 Jul '71

Straight talk from the Chief on the modern volunteer
Army. Interview. Gen William C. Westmoreland.
illus Army 21:12-17 May '71

Volunteer Army ad contract let. Armed Forces J
108:13-14 Feb 15 '71

RECRUITING AND ENLISTMENT - ContinuedArmy--U.S. - Cont'd

Will fate of President Nixon's all-volunteer Force hinge on 'competition' for nation's 50th largest ad contract? Benjamin F. Schemmer and George F. Weiss. illus tab Armed Forces J 108:40-42+ Mar 15 '71

Marine Corps--U.S.

Can the Marines be a band of Spartans in the age of Aquarius? Mel Jones. illus AF Times, Family sup:6-7+ Nov 3 '71

Can we improve recruiting? SSgt Harry L. Spiller. illus MarCor Gaz 55:48-49 Jan '71

Getting a few good men. Capt C. Robert Stachter II. MarCor Gaz 55:52-53 Oct '71

Young Marines as recruiters. MSgt William D. Lohan. MarCor Gaz 55:47 Jun '71

National Guard--Air Force--U.S.

ANG mounts two-phase recruiting drive. AF Times 32:5 Sep 22 '71

ANG planning to recruit among active-duty men. Paul Collins. AF Times 32:1+ Nov 24 '71

Guard Bureau clarifies Air Guard's "Try One" program. Natl Guardsman 25:26 May '71

Rules altered for backups--recruiting broadened (for Air Force Reserve and Air National Guard). AF Times 32:3 Nov 10 '71

National Guard--Armed Forces--U.S.

Guard launches drive to double black strength. tab Natl Guardsman 25:9-10 Dec '71

Minorities urged for Guard--'draft dodgers dominate units.' AF Times 32:21 Oct 6 '71

Two portentous days. (Review of all-volunteer Force by Adjutants General Assoc and National Guard Assoc) illus Natl Guardsman 25:13-19+ Mar '71

National Guard--Army--U.S.

It can be done. illus Natl Guardsman 25:19 Apr '71

The National Guard's no. 1 problem. (Manpower) illus Natl Guardsmen 25:26-28 Dec '71

Technician slots OK'd for recruiters, civil engineers. Natl Guardsman 25:14 Jun '71

Navy--Great Britain

Fighting seamen of the seventies. Joseph Palmer. NATO's Fifteen Nations 16:59+ Oct-Nov '71

Navy--U.S.

The Navy enlistee, 1975--from where? illus US Nav Inst Proc 97:105-106 Sep '71

Navy organizes recruiting command. Armed Forces J 108:18 Mar 3 '71

New career opportunity for Philippine recruits. Armed Forces J 108:13 Mar 1 '71

Reserve Forces--Air Force--U.S.

Congress hears ways to strengthen Reserves. AF Times 32:3 Dec 1 '71

Port squadrons seek Reservists. AF Times 32:3 Dec 8 '71

Rules altered for backups--recruiting broadened (for Air Force Reserve and Air National Guard) AF Times 32:3 Nov 10 '71

RECRUITING AND ENLISTMENT - ContinuedReserve Forces--Armed Forces--U.S.

Two portentous days. (Review of all-volunteer Force by Adjutants General Assoc and National Guard Assoc) illus Natl Guardsman 25:13-19+ Mar '71

Reserve Forces--Army--U.S.

Army Reserve chief sees manpower challenge. (Remarks, ROA Fall meeting, Omaha, Oct 2, 1971) MajGen J. Milnor Roberts, Jr. illus Officer 47:18+ Nov '71

Recruiting, retention are serious problems. Army officials tell congressional committee. Officer 47:19 Dec '71

RED CROSS

Red Cross aids military by lending \$13 million. AF Times 31:22 Feb 17 '71

RED SEA

Oil--another pawn. Robert N. Merz. map Ordnance 56:211-213 Nov-Dec '71

REDSTONE ARSENAL

See also
Missile Command

REDUCTION IN FORCE

(AF) civilian strength drops to 318,000. AF Times 31:19 Apr 21 '71

AF not reduced as forces drop. tab AF Times 31:18 Jun 16 '71

Are ex-officers careerists? AF Times 31:3 Apr 28 '71

Army forces out 499 but RIF in AF unlikely. AF Times 31:20 Feb 24 '71

Base care cut nears--services must slash doctor, dental corps. illus AF Times 32:1+ Dec 15 '71

Budget bite hits Services. AF Times 31:8 Feb 10 '71

Budget: Good news--RIF threat gone, cuts put at 6400. Bruce Callander. tab AF Times 31:1+ Feb 10 '71

Cutback hits many bases. Ed Gates. AF Times 31:1+ Mar 24 '71

Dual comp may change--many hurdles in the way. AF Times 31:3 Feb 24 '71

Early outs seen unlikely in FY'72. AF Times 32:1+ Nov 3 '71

Manpower cuts forecast. AF Times 31:10 Jan 27 '71

Marine Corps convenes RIF board. Armed Forces J 108:12-13 Mar 1 '71

NATO force cuts seen despite Mansfield defeat. Armed Forces J 108:14 Jun 7 '71

Perspectives on reduction-in-force. William C. Valdes. illus tab Def Mgt J 7:3-8 Spring '71

RIF pay rules altered by Court (of Claims). AF Times 31:20 Mar 3 '71

Reserve officer tours cut 2 months by Army. AF Times 32:10 Sep 15 '71

30,000 GIs remain in Japan--lowest level since war. Tom Wurli. AF Times 32:51 Sep 22 '71

REED, Kendall S.

The wreck of the Tacoma. RADM Kendall S. Reed, Ret. illus US Nav Inst Proc 97:74-76 Jun '71

REENLISTMENTAir Force--U.S.

AF losing quality in enlisted force. AF Times 32:3 Aug 25 '71

Are ex-officers careerists? AF Times 31:3 Apr 28 '71

Change unlikely for VRB in '72. AF Times 31:2 Jan 13 '71

Delayed re-ups: More changes. Bruce Callander. AF Times 32:13 Nov 17 '71

Drug user re-up rules set. AF Times 32:6 Sep 1 '71

EM can lose by 'shopping.' AF Times 31:10 Apr 21 '71

EM career to change--actions weighed. Bob Schweitz. AF Times 31:1+ Feb 24 '71

EM with over-8 lose VRB July 1. AF Times 31:10 Jun 9 '71

Ex-airmen can get old rank. AF Times 31:2 Jun 9 '71

First-term EM stay in--one-third re-up. AF Times 32:22 Oct 13 '71

1st-term retentions show rise in rate. AF Times 31:2 Jun 2 '71

First-termers get choice of COTs. AF Times 32:5 Sep 8 '71

How to figure re-up bonuses--quickie guide provided. tab AF Times 31:6 Feb 24 '71

Ins and outs of bonuses. Bruce Callander. AF Times 31:13 Jun 16 '71

It's time to guess when to re-up--VRB, pro-pay at stake. AF Times 31:53 Feb 3 '71

Many 'ifs' limit in-grade return. AF Times 32:2 Sep 1 '71

New lure (guaranteed base of preference) set for ex-EM. Bruce Callander. AF Times 31:1+ Jul 21 '71

Pro pay debated for ex-officers. AF Times 31:21 Jun 2 '71

Re-enlistment rate shows hefty increase. AF Times 32:26 Nov 17 '71

Retention booms; problems remain. Bruce Callander. AF Times 32:1+ Aug 11 '71

Retention figures improve. George Foster. AF Times 31:1+ Jun 9 '71

Retention looks better. Bruce Callander. AF Times 31:1+ Mar 17 '71

Returning shoppers get warm welcome. AF Times 31:13 Apr 7 '71

Re-up bonus also rises with base pay increase. AF Times 32:4 Dec 29 '71

Re-up briefing planned. AF Times 32:20 Aug 11 '71

Re-up rate tied to VRB payout. AF Times 31:13 Mar 10 '71

Re-up timing critical--many benefits offered. Bruce Callander. AF Times 31:13 Jun 23 '71

Re-ups get base choices. Bruce Callander. AF Times 31:1+ Apr 14 '71

Risks grow in delayed re-ups--quotas, bonuses may shrink. AF Times 32:15 Dec 29 '71

'Shoppers' re-up fast. AF Times 31:8 Jan 6 '71

652 airmen who come back tell why. AF Times 32:6 Nov 3 '71

Upgrade irritant stopped. AF Times 31:2 Jan 20 '71

REENLISTMENT - ContinuedAir Force--U.S. - Cont'd

VRB restricted to men with under eight years. AF Times 31:6 Apr 28 '71

Armed Forces--U.S.

Longer grace period eyed for re-upping. AF Times 31:8 Mar 10 '71

Most ex-officers lose VRB cash. AF Times 32:8 Dec 1 '71

Need for higher ceiling on re-up cash weighed. AF Times 31:6 Jan 27 '71

Statistics

Navy retention improves, still unsatisfactory. illus tab Armed Forces J 108:16-17 Jun 21 '71

Army--U.S.

Army's up-or-out rules will take effect in July. AF Times 31:18 Jan 27 '71

As a "short-termer" sees it. SP4 Keith E. Fickenscher. illus Soldiers 26:38-42 Aug '71

Marine Corps--U.S.

New reenlistment directives. MarCor Gaz 55:6 Oct '71

National Guard--Air Force--U.S.

ANG mounts two-phase recruiting drive. AF Times 32:5 Sep 22 '71

National Guard--Armed Forces--U.S.

"Re-up" bonuses "sorely needed" in FY '72, Guard survey discloses. Natl Guardsman 25:19 Jul '71

National Guard--Army--U.S.

It can be done. illus Natl Guardsman 25:19 Apr '71

RE-ENTRY VEHICLES see Lifting Bodies; Missiles--Re-entry; Space Vehicles--Re-entry

REFRIGERATION

Controlled atmospheres--a sophisticated way of shipping perishables. James R. Lugg. illus tabs Def Trans J 27:50-52 Jul-Aug '71

Fresh salad for the troops. Maj Mark L. Maloney. illus Translog 2:8-9 Mar '71

EquipmentTesting

Perishables by piggyback--a containerization "natural" for FGE (Fruit Growers Express)-WFE (Western Fruit Express). Cleo Mandes. illus Def Trans J 27:38-40 May-Jun '71

REFUELING see In-Flight Refueling

also subdivision under specific subjects, e.g., Airplanes, Military--Refueling; Helicopters, Military--Refueling

REFUELING UNITS

JP4 lifeline to Asia. SMSgt David L. Mayhew. illus Airman 15:4-7 Feb '71

REFUGEES

Asylum denied: The Vigilant incident. (Research paper, School of Naval Warfare, 1971) Col Clyde R. Mann. illus Nav War Col Rev 23:4-31 May '71

Castro's Berlin Wall--Coast Guard Cuban Patrol helps refugees who will not be stopped. H. R. Kaplan. illus map Sea Power 14:14-20 Nov '71

REFUGEES - Continued

Legal aspects of the refusal of asylum by U.S. Coast Guard on 23 November 1970. Louis F.E. Goldie. illus Nav War Col Rev 23:32-40 May '71

REFUSE AND REFUSE DISPOSAL

14 bases to start trash experiment. AF Times 32:10 Dec 29 '71

Medical Seminar. (DSA Convention, 1971) R.H. Frese. Review 51:63+ Nov-Dec '71

Time for constructive progress. (National Center for Solid Waste Disposal) Donald M. Kendall. Review 50:37+ Mar-Apr '71

REGULATIONSAir Force

Airman hike Regulation AFR 39-29: Digest of policies. AF Times 32:5 Sep 22 '71

Base-closing speculation banned. (AFR 27-5 forbids speculation without prior clearance) AF Times 32:10 Sep 8 '71

Demotion power widened in Reg (AFR 39-30). AF Times 32:1+ Oct 6 '71

Guide (AFR 30-1) issued on standards. Bruce Callander. AF Times 31:1+ Jul 28 '71

Handy guide details 'standards' (AFR 30-1). AF Times 31:1+ Aug 4 '71

Job disclosure begins (for) retirees in Defense work. AF Times 31:6 Jun 9 '71

Military standards of behavior. (AFR 30-1) TIG Brief 23:1-2 Jul 23 '71

Punishment guide (AFR 40-750) issued for AF civilians. AF Times 32:40 Oct 13 '71

Race relations class outlined in new reg (AFR 50-26). AF Times 32:39 Dec 29 '71

Armed Forces

Recruiter payment regs set. AF Times 32:2 Dec 1 '71

Updating the ASPR (Armed Services Procurement Regulation). Karl W. Kabeiseman. illus Def Ind Bul 7:22-25 Fall '71

National Guard--Army

(National Guard) Bureau clarifies personnel reg for officers in Army Guard. Natl Guardsman 25:11 Jun '71

REICH, Eli T.

Attacking the critical management problems. VADM Eli T. Reich. Def Mgt J 6:27-28 Feb '71

Plans for preparedness. VADM Eli T. Reich. Ordnance 55:446-450 Mar-Apr '71

The process for acquiring major weapons systems. (Adapted from address, Government Contracts Institute, Southwestern Legal Foundation, Dallas, Dec 22, 1970) VADM Eli T. Reich. Def Mgt J 7: 32-35 Spring '71

Production engineering in weapons systems. VADM Eli T. Reich. illus Def Mgt J 7:31-34 Fall '71

Teamwork for industrial preparedness. VADM Eli T. Reich. Ordnance 56:209-210 Nov-Dec '71

REILLY, Maurice R.

The Directorate of Civil Engineering, Hq. U.S. Air Force. por Mil Engr 63:319-320 Sep-Oct '71

REILLY, Maurice R. - Continued

Protecting the environment--the Air Force role. Interview. BrigGen M.R. Reilly. por Airman 15:4-8 Jan '71

RELIABILITY

See also subdivision under specific subjects, e.g.,

Airplanes, Military--Reliability
Communications Equipment--Reliability
Electronic Equipment--Reliability
Missiles--Components--Reliability
Space Vehicles--Reliability

The changing emphasis on reliability. (Address, Institute of Electrical and Electronic Engineers Symposium, Lynfield, Mass, April 29, 1971) MajGen Joseph J. Cody, Jr. AF Ploy Ltr for Comdrs: Sup No. 7:15-19 Jul '71

Navigational requirements for tactical weapon systems. Col Edward H. Curtis. illus AU Rev 22:16-22 May-Jun '71

Product reliability. Ernest A. Felsted. illus Ordnance 56:218-221 Nov-Dec '71

Reliability--the elusive design parameter. Leonas J. Jokubaitis. Armor 80:16-19 Jul-Aug '71

RELIGION AND RELIGIONS

Church and peace. W.J.A. Visser. NATO's Fifteen Nations 16:25-27 Aug-Sep '71

Zionism's espionage network. Col N. Nikitin. Soviet Mil Rev No. 3:53-55 Mar '71

RELIGION IN THE ARMED FORCES

See also

Vietnamese Conflict, 1957- --Moral and Religious Aspects

Alpine haven (chapel in the Bavarian Alps). SP4 Tom Bailey. illus Army Dig 26:56-58 Apr '71

The Jesus people. SSgt Don Mallicoat. illus Soldiers 26:22-27 Dec '71

REMOTE CONTROL

Remotely piloted aircraft: Not drones--a pilot flies them, low cost, higher performance against heavily defended targets. George Weiss. illus Armed Forces J 108:22-24+ May 17 '71

REMOTE-ISOLATED DUTY

ADC alters tour rules for isolated installations. AF Times 32:20 Oct 20 '71

Sad site 'shuttles' to end. Bruce Callander. AF Times 32:1+ Oct 20 '71

Short year at Wideawake (Ascension (Island) Auxiliary Airfield). Capt Garry E. Mitchelmore. illus Airman 15:36-30 Apr '71

REMOTELY PILOTED VEHICLES see Aircraft, Remotely PilotedRENDEZVOUS IN SPACE see Space Vehicles--Rendezvous and DockingREPAIR see Maintenance and RepairREPORT WRITING

Accident investigation and reporting sense. Maj Chester Goolrick. illus USA Avn Dig 17:36-49 Apr '71

Crash facts. Lawrence L. Bishop. illus tabs USA Avn Dig 17:29-35 Aug '71

REPORT WRITING - Continued

Effective management through effective reporting. (Adapted from keynote address, Symposium on Effective Reporting Systems, Dept of Commerce, Washington, 1971?) Barry J. Shillito. Def Mgt J 7:23-26 Spring '71

IG uncovers false reports. AF Times 32:15 Dec 22 '71

Invalid QUMRs (Quality Unsatisfactory Material Reports). TIG Brief 23:8 Sep 10 '71

OER humor 'borders on brilliant,' must go. AF Times 32:3 Oct 6 '71

Paperwork as an operations management tool. TIG Brief 23:7 Sep 24 '71

USAF accident/incident reporting. TIG Brief 23:3-4 Sep 10 '71

USAF materiel deficiency reporting system. TIG Brief 23:7 Nov 19 '71

REPORTERS AND REPORTING

The legacy of Liddell Hart. Richard A. Mason. illus AF Mag 54:58-63 Apr '71

REPUBLIC OF VIETNAM see Vietnam (Republic)

RESCUE WORKSee also

Airplanes in Rescue Work
Helicopters in Rescue Work
Search and Rescue
Vietnamese Conflict, 1957- --Search and Rescue Operations

Aerospace Rescue and Recovery Service. Maj James E. Good. Navigator 18, No. 2:21-23 '71

Alaskan (Air Command) Rescue (Coordination) Center (Elmendorf AFB, Alaska) stands ready with planes, ships, sleds. AIC Steve Gordenier. AF Times 32:16 Oct 6 '71

Lion-like February forces relief duty for Guardsmen. illus Natl Guardsman 25:30 Apr '71

Military invades civil domain with MAST (Military Assistant to Safety and Traffic). George Weiss. illus tab Armed Forces J 109:40-42 Nov '71

New methods tested to save trapped miners. Charles D. LaFond. illus Govt Exec 3:39-40+ Mar '71

Nick of time. illus Combat Crew 22:22-23 Jan '71

Rescuemen help 2 stricken sailors. illus AF Times 31:45 May 26 '71

Safe conduct of rescue capability exercises. TIG Brief 23:4 Apr 9 '71

She's there to help. (AIC Marilyn L. Pierce, first woman member of air rescue team) Sgt Jesse Fulton. illus Airman 15:7-8 Dec '71

Suicide squad spells survival to Apollo 14 astronauts awaiting blastoff. SP4 Tom Bailey. illus Army Dig 26:12-21 Apr '71

RESEARCH see specific kinds of research, e. g.,

Aeronautical Research
Antarctic Research
Arctic Research
Aviation Medicine--Research
Biological Research
Chemical Research
Electronic Research
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Ice Research
Industrial Research
Marketing Research
Nuclear Research
Operational Research
Physiological Research
Psychological Research
Research and Development
Scientific Research
Space Research
Underwater Research

RESEARCH AND DEVELOPMENTAir Force--U.S.

AFSC's Brown: "And then the system took over." illus Govt Exec 3:32-33 Apr '71

The advanced prototype approach. Edgar Ulsamer. illus AF Mag 54:25-27 Nov '71

Advances in air-delivered munitions. Maj Ward R. Martin. illus Tac Air Warfare Cen Qtr Rpt 2:20-27 Dec '70

The changing emphasis on reliability. (Address, Institute of Electrical and Electronic Engineers Symposium, Lynfield, Mass, April 29, 1971) MajGen Joseph J. Cody, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:15-19 Jul '71

Coming: A new series of hypersonic scramjets? USAF and NASA working together. Interviews. James C. Fletcher and Neil A. Armstrong. illus AF Mag 54:36-39 Oct '71

The critical time. (Address, Kitty Hawk Club, Wright-Patterson AFB, Ohio) Sen Joseph M. Montoya. Elect Warfare 3:28 Spring '71

FY 1972 Defense RDT&E program: Air Force. LtGen Otto J. Glasser. illus tabs Def Ind Bul 7:12-16 Summer '71

Fiberglass used in interceptor design studies. AF Times 32:40 Nov 24 '71

Life support testing. LtCol Denis R. Edwards. illus Tac Air Warfare Cen Qtr Rpt 2:14-19 Spring '71

More mileage than programmed from military R&D (at Air Force Materials Laboratory). Alan M. Lovelace. illus AU Rev 22:14-23 Mar-Apr '71

Planning an S&DE (Scientific And Development Engineering) career. Contact 25:15-16 Sep-Oct '71

R&D Air Force civil engineering. Capt Edmund R. Hobbs. illus Mil Rev 63:396-397 Nov-Dec '71

Super-search--Interceptor's look into the R&D field. illus Interceptor 13:20-22 Oct '71

The U.S. Air Force: A national resource. (Address, Boston Chapter, AFA, Hanscom Field, Mass, April 23, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 6:2-7 Jun '71

Armed Forces--U.S.

House panel approves \$21.9-billion authorization bill. James D. Hessman. tab Armed Forces J 108:26-27+ Jun 21 '71

RESEARCH AND DEVELOPMENT - ContinuedArmed Forces--U.S. - Cont'd

Operational testing. Jacob A. Stockfisch. illus Mil Rev 51:66-82 May '71

Packard asks \$67.5-million for prototype programs. Armed Forces J 109:14-15 Oct '71

RDT&E programs up 10% to \$7.87-billion--ships and craft up 45%, missiles down slightly, all Services up, Air Force the least. Brooke Nihart. tab Armed Forces J 108:32+ Feb 15 '71

Senate panel approves \$70.2-billion appropriations bill--pushes prototype program. James D. Hessman. Armed Forces J 109:24 Dec '71

Army--U.S.

Army Inertial Guidance Management and Technology Center: Focal point of inertial research and development. John L. McDaniel. illus tab Def Ind Bul 7:12-14 Winter '71

Army research and development documents available at TILO (Technical and Industrial Liaison Office). Maj Donald E. Gauntner. illus Def Ind Bul 7:32-34 Fall '71

Feeding man in space. (Developments from Natick Laboratories) H.A. Hollender and Mary V. Klicka. (Adapted from Review, Jan-Feb 1970) illus Army Log 3:24 27+ Nov-Dec '71

Human factors in airmobility, 1970-1980. Wallace W. Prophet. illus USA Avn Dig 17:8-11 Jan '71

Mission: Developing mobility support--Mobility Equipment Research and Development Center. Col Bennett L. Lewis. illus chart Def Ind Bul 7:36-41 Summer '71

Defense Dept--Great Britain

Britain to reorganize defense procurement. John Marriott. Armed Forces J 108:20 May 3 '71

Defense Dept--Russia

How much R&D? Eberhardt Rechtin. illus Armed Forces Compt 16:21-23+ Spring '71

Defense Dept--U.S.

Concepts for defense planning. (Excerpts from Defense Posture Statement) Melvin R. Laird. Def Ind Bul 7:5-8 Spring '71

The continuing role of universities in electronic warfare. (Address, 1970 DOD/AOC Symposium, 7th Annual National Convention of Assoc of Old Crows, Anaheim, Calif, Oct 8, 1970) Thomas W. Butler, Jr. Elect Warfare 3:14+ Winter '71

Defense research. Interview. John S. Foster, Jr. illus Govt Exec 3:43-44 Apr '71

Defense systems acquisition. John S. Foster, Jr. illus Def Mgt J 7:8-11 Fall '71

Deputy DDR&E sees R&D reductions, but eventual doubled 'crash budgets.' Armed Forces J 108: 13-14 Mar 1 '71

FY 1972 Defense RDT&E program: Research and development in U.S. Defense Posture. John S. Foster, Jr. illus tab Def Ind Bul 7:1-7 Summer '71

How much R&D? Eberhardt Rechtin. illus Armed Forces Compt 16:21-23+ Spring '71

The impact on national security caused by restrictions on defense research and development information. Col Robert B. Tanguy. tab Forum No. 12:33-53 Spring '71

RESEARCH AND DEVELOPMENT - ContinuedDefense Dept--U.S. - Cont'd

Industry--future for defense R&D. Govt Exec 3:25 Jul '71

R&D: Key to our nation's strength. (Remarks, Instrument Society of America, Philadelphia, Oct 26-29, 1970) David Packard. Signal 25:6-8 Mar '71

Research and development of defense systems. John S. Foster, Jr. illus Def Ind Bul 7:5-6 Fall '71

(Soviets now spending \$3 billion more than U.S. on military related R&D) LtGen Ira C. Eaker, Ret. AF Times 32:13 Sep 29 '71

Costs

Money bills take priority as Congress enters home stretch. James D. Hessman. tab Armed Forces J 109:10-12 Dec '71

Marine Corps--U.S.

R&D news. Regular feature in some issues of Marine Corps Gazette

National Aeronautics and Space Administration--U.S.

The advanced prototype approach. Edgar Ulsamer. illus AF Mag 54:25-27 Nov '71

Coming: A new series of hypersonic scramjets? USAF and NASA working together. Interviews. James C. Fletcher and Neil A. Armstrong. illus AF Mag 54:36-39 Oct '71

Navy--U.S.See also

Underwater Research

At NARDIC (NAVY Research and Development Information Center)--Navy has planning documents for industry. Lillian L. Morris. chart Def Ind Bul 7: 30-32 Fall '71

FY 1972 Defense RDT&E program: Navy. RADM Edward A. Ruckner. illus tabs Def Ind Bul 7:7-12 Summer '71

NATO

NATO's third dimension. Marshall E. Wilcher. AU Rev 22:65-68 Sep-Oct '71

Russia

Defense research. Interview. John S. Foster, Jr. illus Govt Exec 3:43-44 Apr '71

Deputy DDR&E sees R&D reductions, but eventual doubled 'crash budgets.' Armed Forces J 108: 13-14 Mar 1 '71

FY 1972 Defense RDT&E program: Research and development in U.S. Defense Posture. John S. Foster, Jr. illus tab Def Ind Bul 7:1-7 Summer '71

(Soviets now spending \$3 billion more than U.S. on military related R&D) LtGen Ira C. Eaker, Ret. AF Times 32:13 Sep 29 '71

The strategic threat. BrigGen Harry N. Cordes. illus AF Mag 54:51-55 Jul '71

The USSR is headed toward technological superiority. Interview. John S. Foster, Jr. illus AF Mag 54:28-35 Aug '71

United States

Research today--a shaky problem. Editorial. W.J. Baird. illus Signal 26:5 Dec '71

RESEARCH AND DEVELOPMENT - ContinuedUnited States - Cont'd

Something borrowed...something new? ('Spin-offs')
RADM Francis J. Fitzpatrick. Signal 25:19-20
Jan '71

The USSR is headed toward technological superiority.
Interview. John S. Foster, Jr. illus AF Mag
54:28-35 Aug '71

RESEARCH CENTERS

Cancel contracts with think tanks. LtGen Ira C. Eaker,
Ret. AF Times 31:13 Aug 4 '71

Laird orders 'crackdown' on Rand Corp security.
Armed Forces J 108:15-17 Jul 19 '71

North Electric opens the Paul H. Henson Research
Center. illus Signal 25:38-39 Apr '71

RESERVATIONS, AIRPLANE see Airlines--Passenger ServiceRESERVE FORCESAir Force--Great BritainHistory

The need for Air Reserves. John Wilkinson. Royal
Air Forces Qtr pt 1, 10:211-216 Autumn '70; pt 2,
The proposed structure of RAF Reserves. 10:277-
282 Winter '70

Air Force--U.S.See also

Recovery Units

AFAFC's Saturday savants (MOAGs(MOBilization
Augmentees)). Capt D. F. Keegan. illus AF Compt
5:29-30 Nov '71

AFRES comptrollership--the same, only different.
Col Oscar E. Schlammersdorf. illus AF Compt 5:
11-12 Mar '71

(AF) Reserve's top officials seek increased support.
AF Times 32:8 Oct 6 '71

Air Force Reserve under the new budget. (Remarks,
ROA Luncheon, Washington, Feb 18, 1971) Gen
John C. Meyer. AF Plcy Ltr for Comdrs: Sup No.
4:27-31 Apr '71

(Air) Reserve chief retires. Patricia R. Muncy. illus
AF Mag 54:68 Mar '71

Air Reserve Forces personnel administration. TIG
Brief 23:4 Mar 12 '71

Air Reserve Forces personnel administration. TIG
Brief 23:7 Aug 27 '71

The civilian supplement. MSgt Loren B. Leonberger.
illus Airman 15:13-16 Apr '71

Congress hears ways to strengthen Reserves. AF
Times 32:3 Dec 1 '71

Entitlement of Reservists to military facilities and
services. tab TIG Brief 23:5-6 Feb 26 '71

1500 to compete for Reg(ular) AF--'70 acceptance
rate rises. AF Times 31:3 Jan 13 '71

'The future looks bright.' MajGen Winston P. Wilson.
illus Air Reservist 23:4-5 Apr '71

Gen (Homer I.) Lewis, Air Force Reserve chief
honored (with Legion of Merit). illus Officer
47:25 Aug '71

Gen Marchbanks retires. Air Reservist 23:14 Feb '71

RESERVE FORCES - ContinuedAir Force--U.S. - Cont'd

A generation of progress! New F-4 & C-5 missions
for the Guard and Reserve. Col Frank Martineau.
illus Air Reservist 23:8-9 May-Jun '71

A hard look at U.S. Air Reserve Forces. (Report
on Air Reserve Forces Seminar, AFA Convention,
Washington, Sep 22, 1971) Patricia R. Muncy. illus
AF Mag 54:76-82 Nov '71

Impact of the Total Force Concept (TFC) on Air
Reserve Forces. TIG Brief 23:2 Sep 24 '71

A look at airlift in the mid-'70s: Services will face
problems. George Weiss. illus tabs Armed
Forces J 108:28-31 Apr 5 '71

The MAC Associate program. Capt Robert L. Les-
chack. Navigator 18, No. 2:29 '71

(MajGen Homer I. Lewis named Chief of Air Force
Reserve) illus Air Reservist 23:3 Apr '71

More blacks in Reserves but percentage declines.
AF Times 31:8 Jul 28 '71

New AF Reserve chief (MajGen Homer I. Lewis), in
military training since childhood, renowned as
frontier rancher and flyer, as well as warrior.
illus Officer 47:19+ May '71

Port squadrons seek Reservists. AF Times 32:3
Dec 8 '71

Project We Care. (AF Reservists help Sabina, Ohio
build a community recreation area) illus Air Re-
servist 23:6-7 May-Jun '71

Public affairs aspects of the 1968 Reserve mobili-
zation. Maj John D. Williams. illus AU Rev
23:59-67 Nov-Dec '71

Reserve associate units meet all goals. AF Times
32:24 Nov 3 '71

Reserve call-up welcome. AF Times 31:2 Jan 27 '71

Reserve considers wider bar criteria. AF Times
32:5 Sep 1 '71

Reserve Forces termed greatest security bargain.
AF Times 32:18 Dec 1 '71

Reserve Forces updated--nine units due conversion.
AF Times 32:38 Dec 29 '71

Reserve jobs pushed for vets--added pay, benefits
proposed. AF Times 31:6 Aug 4 '71

Reserve pilot training increases. AF Times 31:10
Jan 27 '71

Reserve retired pay raised--point values increase.
tabs AF Times 31:20 Feb 24 '71

Reserve units told not to sign retirees. AF Times
31:8 Jan 13 '71

'Special times & special problems.' Gen Jack J.
Catton. illus Air Reservist 23:8-9 Apr '71

Strategy report--what is the role of the ANG/USAFR
in the national strategy of 1970? Col Edward W.
Rosenbaum. Air Reservist 23:12 Feb '71

Summer 1971 happenings. illus Air Reservist 23:6-11
Oct '71

Talent scouts for the Air Force Academy (liaison
officers). Maj Eugene G. Barker. illus AF Mag
54:32-34 Nov '71

RESERVE FORCES - ContinuedAir Force--U.S. - Cont'd

Vice Chief of AF tells of measures to improve Reserves (at AF Affairs Committee Luncheon, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971). Officer 47:29 Apr '71

Why men serve in the Air Force Reserve. LtCol Rowe Findley. illus Airman 15:17-19 Apr '71

Equipment

Reserves to get better aircraft. tab AF Times 31:46 Mar 10 '71

Statistics

Reserve strength shows big gain. AF Times 32:17 Aug 18 '71

Armed Forces--NATO

Strategic mobility and European NATO. MajGen J.L. Moulton, Ret. illus NATO's Fifteen Nations 16:34-40 Oct-Nov '71

U.S. Reserves narrowly miss CIOR victory--'72 CIOR military competitions to be in U.S. illus Officer 47:30-31 Sep '71

Armed Forces--U.S.

And of course...people. Roger T.Kelley. illus Armed Forces Compt 16:17-20+ Spring '71

Coast Guard chief (ADM Chester R. Bender) calls on Reserves to work for better, stronger America. (Excerpts from address, ROA National Convention, San Diego, Calif, June 17-19, 1971) ADM Chester R. Bender. illus Officer 47:22-23 Aug '71

Defense manpower. Interview. Roger T.Kelley. illus Govt Exec 3:55+ Apr '71

Dr Marrs cites advances in total force plan--Reserves must prove ability to meet new role. Interview. Theodore C. Marrs. illus Officer 47:20-21+ Nov '71

Dr Marrs stresses free communication between Defense and Reserves--actions back up Laird's statement on policy for Reserves and Guard. (Key-note speech, National Council, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971) illus Officer 47:8-10 Apr '71

Draft extension "essential," say AGs (at Annual Conference, Adjutants General Assoc, Santa Fe, NM, May 1971). illus Natl Guardsman 25:24-28 Jul '71

Group of 16 senators join Thurmond on bill to create commission for study of Reserves. Officer 47:7 Jun '71

The Guard and the Reserve. William V.Kennedy. Ordnance 55:331-334 Jan-Feb '71

Guard, Reserve resurgence seen in new concept, policies, FY 72 budget. Brooke Nihart. Armed Forces J 108:29-31 Mar 1 '71

Identifying the "enemy." Editorial. Officer 47:5+ Sep '71

Incentive to volunteer service is cited by executive director at Senate (Armed Services) Committee hearing. Col John T. Carlton. Officer 47:9-10 Mar '71

Laird outlines five-year plan--bigger Reserve role eyed. AF Times 31:4 Mar 24 '71

Minorities stay out of Reserves. AF Times 32:3 Dec 8 '71

NGAUS urges Defense to act now on Guard manpower legislation. Natl Guardsman 25:13-14 Apr '71

RESERVE FORCES - ContinuedArmed Forces--U.S. - Cont'd

A new day for the Guard and Reserves? Maj George Fielding Eliot, Ret. illus Natl Guardsman 25:2-6 Jan '71

Reserve benefits planned. AF Times 31:1+ Mar 3 '71

Reserve reliance boosted. AF Times 32:17 Oct 13 '71

Reserves in for usual climb in decade ahead: Study by Blue Ribbon Reserve group urged; Pentagon team rounded out. Officer 47:5 Jun '71

Reserves' position strengthened as Congress faces final debate on draft law; results of new studies of future roles, missions and strengths are awaited. Officer 47:7 Sep '71

Ruling against solons in Reserve exempts Guardsmen. Natl Guardsman 25:10-11 Jun '71

Total Force concept. (Remarks, ROA Convention, San Diego, Calif, June 18, 1971) Theodore C. Marrs. AF Ploy Ltr for Comdrs: Sup No. 9:7-12 Sep '71

Value and cost of the Reserves: Laird-Nixon policy. Editorial. illus Officer pt 1, 47:6 Nov '71; pt 2, 47:6+ Dec '71

Your future as a veteran. illus tabs AF Times pt 1, Yes, vets, some do care. Larry Carney. 32:5-6 Oct 13 '71; pt 2, On-duty Transition does help. Bob Schweitz. 32:5-6 Oct 20 '71; pt 3, VA benefits aren't automatic. Bill Drach and Louis Dorsch. 32:42-43 Oct 27 '71; pt 4, GI Bill 'student body' growing. Larry Carney. 32:42-43 Nov 3 '71; pt 5, Vet unemployment dips. Larry Carney. 32:41-42 Nov 10 '71; pt 6, Disability pay confusing. Mel Jones. 32:46-47 Nov 17 '71; pt 7, VA caters to 'new vet.' George Marker. 32:43-44 Nov 24 '71; pt 8, GI home buying gets new life. George Marker. 32:45-46 Dec 1 '71; pt 9, SGLI conversion tips. Bill Kreh. 32:50-51 Dec 8 '71; pt 10, The beneficiary snag. Ruth Chandler. 32:37 Dec 15 '71; pt 11, How 'bout the Reserves. Ed Gates. 32:30-31 Dec 22 '71; pt 12, Dear Congressman. Robert S. Horowitz. 32:29 Dec 29 '71

Statistics

Navy, Marine, Air Force cuts envisioned in President's message to the Congress. tabs Officer 47:7 Mar '71

Personnel cuts continue, new pay hikes proposed. James D.Hessman. tabs Armed Forces J 108:28-29+ Feb 15 '71

Army--U.S.

Active Army, Guard and Reserve make Roundout a success. LtCol William V.Kennedy. illus Armor 80:18-24 Nov-Dec '71

Army Reserve chief sees manpower challenge. (Remarks, ROA Fall meeting, Omaha, Oct 2, 1971) MajGen J. Milnor Roberts, Jr. illus Officer 47:18+ Nov '71

BrigGen B.L.Hunton becomes first black U.S. Reserve general. illus Officer 47:21 Jul '71

BrigGen R. T. Cuneo named to No. Two post (Deputy Chief) in Army reserve. illus Officer 47:19 Sep '71

Build a career with U.S. Army Reserve Aviation. LtCol Arthur E. Magary. USA Avn Dig 17:20-21 Jul '71

RESERVE FORCES - ContinuedArmy--U.S. - Cont'd

CONARC commander examines Reserves and challenges future holds for them. (Excerpts from address, Army Luncheon, ROA National Convention, San Diego, Calif, June 17-19, 1971)
Gen Ralph E. Haines, Jr. Officer 47:20+ Aug '71

Challenge to Guard and Reserve, from back-up to force in being. Col Robert B. Rigg, Ret. illus Army 21:36-41 Apr '71

Combat record of MajGen (J. Milnor) Roberts (Jr) cited as he takes oath as Chief of Army Reserve. Officer 47:21 Jul '71

Gen Westmoreland stresses importance of Reserve components in national defense. (From address, Assoc of the Adjutant General's Corps, 1971)
Officer 47:12 May '71

The key to your future: Army Reserve Aviation. MajGen J. Milnor Roberts. illus USA Avn Dig 17:4-7 Jul '71

MajGen Sutton reviews progress of Army Reserves (in speech at Army Affairs Committee meeting, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971). Officer 47:23 Apr '71

More effective professional force is goal, but draft must remain, Army deputy (Arthur W. Allen, Jr) warns (at Army Section Luncheon, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971). Officer 47:25 Apr '71

Mutual support. Maj Charles Robertson. illus Soldiers 26:5-6 Dec '71

New Army Reserve chief, survivor of "the longest day" in Normandy, has outstanding record in military command and leadership roles. illus Officer 47:13-14 May '71

The one Army team. LtGen W. R. Peers. illus USA Avn Dig 17:1-3 Jul '71

Our backbone of defense--Reserve component aviation. Maj Gerald E. Lethcoe, Jr. illus USA Avn Dig 17:10-11 Jul '71

Our reserve stock of logisticians. tabs Army Log 3: 30-33 May-Jun '71

ROA urges development of adequate number of combat-ready Army Reserve units. Officer 47:21 Jun '71

Reserve Components service. LtCol Charles W. Lawrence. illus Infantry 61:10-13 Nov-Dec '71

Reserve expertise overseas. Maj James R. Compton. illus Soldiers 26:29-30 Jul '71

Three newcomers are named to positions on Army Reserve Forces Policy Committee. illus Officer 47:25 Feb '71

Tomorrow's Army. Gen W. C. Westmoreland. Ordinance 55:429-430 Mar-Apr '71

Westmoreland jogs Guard, USAR advisors to aid readiness. Natl Guardsman 25:11-12 Jun '71

Directories

Major Army Reserve Commands. Army 21:103 Oct '71

Organization

New priorities for Guard, Reserve. LtGen William R. Peers. illus Army 21:71-77 Oct '71

RESERVE FORCES - ContinuedCoast Guard--U.S.

Chairman Fisher says will of Congress defied by Secretary Volpe on Coast Guard Reserve. (Excerpts from opening statements to House Armed Services Subcommittee on Reserves, 1971) O. C. Fisher. illus Officer 47:15 May '71

Coast Guard Reserve cut by 2,000 through no-recruiting policy. Officer 47:26 Mar '71

"Reserves--gold mine in our backyard." Officer 47:27 Feb '71

Marine Corps--U.S.

A commander's concept of training. Col N. A. Canzona. illus MarCor Gaz 55:16-22 Mar '71

High Desert mock war no measure of Reserve readiness. Col Jeremiah O'Leary. illus MarCor Gaz 55:42-44 Jan '71

Reserve report. Regular feature in some issues of Marine Corps Gazette

Reserve retention vs readiness. Capt George W. Ayers. illus MarCor Gaz 55:36-38 Jun '71

Navy--U.S.

Closures of Navy Reserve stations and facilities hinder compensation for cuts in active forces. Officer 47:22-23+ Jun '71

Congress concerned over fallacious rationale of smaller but "more ready" response (Naval Reserve) Force. Officer 47:27 Jan '71

Naval Reserve: Hawaii 4.0. CAPT Harvey H. Meeker, Jr. illus US Nav Inst Proc 97:58-61 Nov '71

Personnel losses concern Navy Reserve leaders, Dr Marrs tells Navy Section at Mid-Winter Luncheon. (ROA Mid-Winter Conference, Washington, Feb 18-19, 1971) Officer 47:27 Apr '71

Sen Thurmond sounds warning on Naval Reserve. Officer 47:7 Jun '71

Weekend warriors (Naval Air Reserve) make a comeback. RADM Malcolm W. Cagle. illus Navy 14: 22-26 Feb '71

Equipment

Corsairs in Reserve. Jim Sullivan. illus Am Avn Hist Soc J 16:164-169 Fall '71

History

Naval Reserve Aviation Base, Long Beach (Calif), 1929-1942. Allen E. Morgan. illus Am Avn Hist Soc J pt 1, The early years. 16:280-285 Winter '71

Organization

Congress concerned over fallacious rationale of smaller but "more ready" response (Naval Reserve) Force. Officer 47:27 Jan '71

Two-two-twelve-three, the brand-new ball game. (Two attack carrier wgs, two carrier ASW gps, 12 patrol sqs, and three transport sqs) CAPT Sigmund Bajak. illus US Nav Inst Proc 97:53-56 Jan '71

RESERVE FORCES POLICY BOARD

Longley, Mulberry named to Reserve Forces Policy Board. Officer 47:26 Jan '71

RESERVE OFFICERS ASSOCIATION OF THE U.S.

ADM (Charles K.) Duncan to be presented Minute Man Award. Officer 47:27+ Jun '71

RESERVE OFFICERS ASSOCIATION OF THE U.S. - Continued

- ADM (Charles K.) Duncan to receive Minute Man Hall of Fame Award at (ROA) Convention Banquet (San Diego, Calif, June 19, 1971). Officer 47:6 May '71
- "All volunteer" concept creates new climate for military forces, ROA emphasizes in urging preparation for "the forces of tomorrow." Officer 47:7 May '71
- Closures of Navy Reserve stations and facilities hinder compensation for cuts in active forces. Officer 47:22-23+ Jun '71
- Col K. L. Levitan, USAF, to receive award as Chaplain of Year. Officer 47:4 Feb '71
- Forecasting a critical year in ROA's anniversary. Officer 47:4-5 Jan '71
- Legislative report (on bills introduced in the 92d Congress of interest of ROA members). Officer 47:24 Dec '71
- New national president (Brig Gen Gerald A. Hart) 25 years in Reserves, Michigan businessman; other officers listed. illus Officer 47:15 Aug '71
- 1971 Mid-Winter plan announced, Sen Thurmond to get "Minute Man" Award. Officer 47:8 Jan '71
- ROA adds most prized award ("Minute Man of the Year") to Sen Thurmond's many honors. illus Officer 47:14-15+ Feb '71
- ROA backs DOD survivors benefits bill in general but takes exception to four of its provisions. RADM Alexander Jackson, Jr. Officer 47:24 Sep '71
- (ROA National Convention, San Diego, Calif, June 17-19, 1971) illus Officer 47:entire issue Aug '71
- ROA told of anti-military perils (at National Convention, San Diego, Calif, June 17-19, 1971, by Minute-Man Award winner ADM Charles K. Duncan, and BrigGen Gerald A. Hart elected ROA president). illus AF Times 31:17 Jul 7 '71
- ROA urges development of adequate number of combat-ready Army Reserve units. Officer 47:21 Jun '71
- ROA urges Senate to increase ROTC incentives. (Excerpt of statement before Subcommittee on General Legislation) Col John T. Carlton. Officer 47:21 Dec '71
- "Recomp" hopes live again. Editorial. Officer 47:8 Jun '71
- (Reports of Mid-Winter Conference, Washington, Feb 18-19, 1971) illus Officer 47: entire issue Apr '71
- Sen Thurmond, ROTC cadets to share honors at 1971 (ROA) Mid-Winter Conference at Washington (Feb 18-19, 1971). Officer 47:4 Feb '71
- Speaker Carl Albert named ROA's Minute Man of the Year for 1972. illus Officer 47:20 Dec '71
- U.S. military must not be isolated from mainstream of American life. (Excerpts from address, ROA National Convention, San Diego, Calif, June 17-19, 1971) ADM Charles K. Duncan (recipient of Minute Man Hall of Fame Award) illus Officer 47:9+ Aug '71
- U.S. Reserves narrowly miss CIOR victory--'72 CIOR military competitions to be in U.S. illus Officer 47:30-31 Sep '71
- What ROA is, seeks are most important elements of legislative program. (Report to Executive Council of ROA, Mid-Winter Conference, Washington, Feb 18-19, 1971) MajGen Donald S. Dawson. Officer 47:19+ Mar '71

Directories

- ROA directory (of) department officers 1971-1972. Officer 47:15-18 Sep '71

RESERVE OFFICERS TRAINING CORPS

Air Force

- AFROTC: A tale of two campuses--contrast in Columbus (Ohio). AF Times 31:34 Mar 10 '71
- AFROTC benefits clarified. AF Times 32:10 Oct 27 '71
- AFROTC rolls dip for 3d year. AF Times 32:2 Nov 17 '71
- The challenge (AFROTC). Capt James Johnson. illus Airman 15:25-29 Aug '71
- Challenges for new officers. (Remarks, AFROTC Dining-In, University of North Dakota, Grand Forks, Oct 15, 1971) BrigGen Jeanne M. Holm. AF Pley Ltr for Comdrs: Sup No. 12:8-12 Dec '71
- Education: AFA's basic and continuing mission. James McDonnell. illus AF Mag 54:63-65+ Feb '71
- Fear continues at Kent State--the military on campus. George Foster. AF Times 31:10 Mar 17 '71
- Fewer AFROTC lawyers can win slots as JAGs. Jim Sample. AF Times 31:1+ May 12 '71
- First woman ROTC grad named for commission. tabs AF Times 31:37 Feb 10 '71
- 545 win bars through AFROTC. AF Times 32:8 Dec 29 '71
- 1481 in AFROTC pass flight test. AF Times 31:9 Feb 10 '71
- JROTC faculty posts open to 100 retirees. AF Times 32:10 Dec 8 '71
- JROTC shows growth. AF Times 31:39 Apr 14 '71
- Minorities benefited by AFROTC change. AF Times 32:2 Dec 22 '71
- No AFROTC considered for two-year campuses. AF Times 31:22 Jul 28 '71
- Officers needed for ROTC duty. AF Times 32:2 Dec 15 '71
- Officers sought for ROTC slots. AF Times 31:6 May 26 '71
- 110 ROTC grads named for bars. tab AF Times 31:5 Jul 7 '71
- Pay bills passed for JAGs, cadets. Jim Sample. AF Times 31:1+ Aug 4 '71
- ROTC (AF Officer) Qualifying Test hit--other parts of program praised. AF Times 31:47 Jun 9 '71
- ROTC due to produce more fliers. AF Times 32:3 Sep 1 '71
- ROTC enrollment decline nears leveling-off point. AF Times 32:50 Dec 15 '71
- ROTC grants and 'lib.' George Foster. AF Times 31:13 Mar 17 '71
- 700 freshmen due AFROTC grants. AF Times 31:6 Jun 23 '71
- She was first. (Lt Jane L. Holley, first woman to receive a commission through AFROTC) illus Airman 15:37 Sep '71
- 13 new ROTC units are approved by Air Force. Officer 47:28 Feb '71
- 25 colleges still bar gals in ROTC. AF Times 31:20 Jun 23 '71
- 23d Annual Arnold Air Society Conclave (Hollywood, Fla, April 14-17, 1971). illus AF Mag 54:78-79 Jul '71

RESERVE OFFICERS TRAINING CORPS - ContinuedAir Force - Cont'd

Women in Air Force ROTC. TIG Brief 23:19-20
Dec 3 '71

Statistics

1000 win AFROTC grants--30 co-eds listed. AF
Times 31:51 Jun 9 '71

Armed Forces

The assault on ROTC: Are we trying to stop the war
machine by getting rid of the brakes? Ward Elliot.
illus Army 21:35-38 Feb '71

DOD urges more cash for ROTC. AF Times 31:4
Jun 30 '71

'De-militarized' ROTC asked. AF Times 31:11
Jun 23 '71

Dr George Benson offers ROA ideas to support ROTC.
Officer 47:28 Mar '71

FBI official (Charles D. Brennan) warns of extremist
peril: Awarded ROA citation (at ROA Mid-Winter
Conference, Washington, Feb 18-19, 1971). Officer
47:23 Apr '71

Four junior ROTC cadets express their views at
National Council Mid-Winter Assembly (ROA
Mid-Winter Conference, Washington, Feb 19,
1971). illus Officer 47:28 Apr '71

"Hot war" is waged over ROTC at U of Wisconsin:
ROA committee chairman reports on steps taken.
Officer 47:31 Jun '71

Implications of a volunteer Force. Maj Neal G. Soren-
sen. illus AU Rev 22:47-52 Mar-Apr '71

JROTC expansion sought. AF Times 31:35 Jul 21 '71

Of arms and the man. (Address, President's Review,
University of Cincinnati, May 27, 1971) illus AF
Mag 54:54-55 Aug '71

The officer corps in an all-volunteer Force: Will
college men serve? (A group research project)
Col Robert L. Nichols and others. tabs illus Nav
War Col Rev 23:31-50 Jan '71

Ohio State alumni leaders favor ROTC; oppose anti-
Vietnam role by university. Officer 47:9 Jan '71

Ohio State--ROTC case history of success. John R.
Bonner, Jr. illus Navy 14:30-34 Jul-Aug '71

Pay doubled for ROTC, scholarships increased. AF
Times 32:1+ Dec 1 '71

Price freeze perils ROTC funds boost. AF Times 32:2
Sep 15 '71

Princeton seeking to keep ROTC. AF Times 31:5
Jul 7 '71

ROA urges Senate to increase ROTC incentives.
(Excerpt of statement before Subcommittee on
General Legislation) Col John T. Carlton. Officer
47:21 Dec '71

ROTC damage control report. R.E. Stivers. illus
Navy 14:24-29 Jul-Aug '71

ROTC funds meet snag--House balks. AF Times
31:3 Jul 14 '71

ROTC may return to Princeton. AF Times 32:39
Nov 10 '71

ROTC proposals backed by DOD. AF Times 31:16
Mar 17 '71

ROTC raises advance--subcommittee okays funds.
AF Times 31:22 Jul 28 '71

RESERVE OFFICERS TRAINING CORPS - ContinuedArmed Forces - Cont'd

ROTC seen mending despite cadet loss. AF Times
31:3 Jan 6 '71

Raise in ROTC pay nears final okay. AF Times 32:4
Nov 24 '71

Second thoughts on axing ROTC (at Princeton). AF
Times 31:13 Jul 14 '71

Sen Thurmond, ROTC cadets to share honors at
1971 (ROA) Mid-Winter Conference at Washington
(Feb 18-19, 1971). Officer 47:4 Feb '71

Why ROTC? (1st Prize Essay) Richard C. Wyche.
Mil Engr 63:108-109 Mar-Apr '71

Army

Airborne ROTC. 2dLt Jack M. Munroe. illus Infantry
61:42-43 Mar-Apr '71

Army approves 12 new ROTC units. Armed Forces J
108:13-14 Feb 1 '71

Army awards graduate study fellowships to 40 ROTC
cadets planning regular careers. Officer 47:28
Mar '71

Army ROTC--alive and doing fine. Lt Harry Kingdom.
illus Soldiers 26:63-66 Jul '71

The art of winning friends on campus, though uni-
formed. Robert L. Goldrich. illus Army 21:24-27
Jan '71

CONARC reports that 42 colleges have made appli-
cations for new units. Officer 47:7 Jan '71

Fellowships awarded to 15 Army ROTC cadets.
Officer 47:31 May '71

Improving the infantry image among today's ROTC
cadets. Capt R.E. Morris. Army 21:56-57 Mar '71

Indiantown Gap training for leadership--RECONDO:
Rugged innovation for (RECONnaissance-Com-
mando) cadets. F.R. Kent, Jr. illus Officer 47:
12-13 Sep '71

More Guard slots open for ROTC graduates. Natl
Guardian 25:12 Jun '71

ROTC: An academic focus. Maj George A. Joulwan.
illus Mil Rev 51:43-47 Jan '71

ROTC cadets earn Ranger tabs. LtCol Karl V. Hurdle
and Maj Clayton Pratt. illus Infantry 61:39-41
Nov-Dec '71

ROTC to Infantry. Majs Ralph E. Newman and
Clayton A. Pratt. Infantry 61:27 Sep-Oct '71

Reveille on campus (at North Georgia College, Dahl-
onega, Ga). Larry Mitchell. illus Soldiers 26:
20-22 Jun '71

Seeing the other side--military and civilian students
at PMC (Pennsylvania Military College). Lt Harry
Kingdom. illus Soldiers 26:58-60 Oct '71

An up-to-date system for procuring officers. Capt
T.R. O'Neill. Army 21:52-53 Jun '71

Navy

Civilian control of military. Maj Francis Gould.
MarCor Gaz 55:13-14 Dec '71

NJROTC diary. Cadet PO2 Larry Watson. illus US
Nav Inst Proc 97:44-47 Jul '71

NROTC at UCLA: The colors still fly. Mid Lawrence
M. Kryske. illus US Nav Inst Proc 97:18-25 Dec '71

Team teaching in the ROTC. LtCol LaVern W. Larson
and others. illus Mil Rev 51:67-71 Jul '71

RESERVES see Reserve ForcesRESOR, Stanley R.

Resor quits, Froehlke named Secretary of Army.
illus Natl Guardsman 25:19 Jul '71

Six years of untiring, unselfish, and effective service. (Melvin Laird's tribute to Stanley Resor)
por Armed Forces J 108:16 Jul 19 '71

RESOURCE MANAGEMENT SYSTEMS

ACE logistics--its past achievements and future prospects. WgComdr R. L. Walker. illus NATO's Fifteen Nations 16:76-83 Apr-May '71

Defense management challenges of tomorrow. MajGen Thomas H. Scott, Jr. Def Mgt J 6:11-15 Feb '71

Developing resource management systems in Thailand. Maj Herbert C. Pushek. illus charts Armed Forces Compt 16:18-21+ Fall '71

Output measurement at the USAF Academy. Maj Jesse W. Hughes. illus Armed Forces Compt 16:13-17 Winter '71

PRIME 70 effectiveness in a SEA tactical unit. Col Donald N. Stanfield. illus AF Compt 5:16-17 Jul '71

Refueling of "Project TERRMS" (Test and Evaluation of Revised Resource Management Systems) aircraft. TIG Brief 23:15 Jun 4 '71

Resource allocation and management. Editorial. LtGen George S. Boyland, Jr. illus AF Compt 5: back cover Jul '71

Resource management in Base Civil Engineering work centers. Maj Ray D. Schwartz. illus AF Civil Engr 12:6-7 May '71

USAF priority system for managing Air Force resources. TIG Brief 23:11-12 Dec 31 '71

What price strategy? Col Herman E. Kessler, Jr. illus Mil Rev 51:56-66 Feb '71

RESOURCES CONSERVATION PROGRAM

Air Force Resources Conservation Program. TIG Brief 23:11-12 Oct 22 '71

Air Force REsources CONservation (RECON) program. TIG Brief 23:5 Feb 12 '71

Commands to set RECON (REsources CONservation) guidelines. Tony McHale. AF Times 31:5 May 26 '71

Paperwork slashed in cost-cutting plan. Tony McHale. AF Times 31:2 Feb 3 '71

Recon 'savings' confusing--better management the intent. Tony McHale. AF Times 31:4 Mar 31 '71

RESPIRATION

Environmental air pollution effect on pulmonary function. Hurley L. Motley. illus Aerosp Med 42:1108-1110 Oct '71

Heart rate and respiration rate response to parachuting: Physiological studies of military parachutists via FM/FM telemetry--II. Donald H. Reid and others. illus tabs Aerosp Med 42:1200-1207 Nov '71

RESPIRATION - Continued

Hyperbaric respiratory mechanics. Edwin G. Vail. illus tab Aerosp Med 42:536-546 May '71

Relationship between the time constants of RC networks and nitrogen washout in the respiratory system. S. T. Chiang. illus tabs Aerosp Med 42:1270-1274 Dec '71

Respiratory mechanics--airway collapse. Edwin G. Vail. illus tabs Aerosp Med 42:975-979 Sep '71

RESPIRATORY ORGANS

Changes in vital capacity produced by oxygen breathing during immersion with the head above water. U. I. Balldin and others. tabs Aerosp Med 42:384-387 Apr '71

Relationship between the time constants of RC networks and nitrogen washout in the respiratory system. S. T. Chiang. illus tabs Aerosp Med 42:1270-1274 Dec '71

Respiratory mechanics--airway collapse. Edwin G. Vail. illus tabs Aerosp Med 42:975-979 Sep '71

RESPONSIBILITY PAY

Responsibility pay--illusory benefit. Ed Gates. AF Times 32:13 Nov 24 '71

REST AND RECUPERATION

Details outlined on home leave. AF Times 31:10 Jul 28 '71

Far East charter flights getting harder to find. AF Times 32:24 Oct 27 '71

R&R to U.S. under study. Bob Schweitz. AF Times 31:1+ Jun 16 '71

Stateside R&R okayed for Vietnam. Bob Schweitz. AF Times 31:1+ Jul 14 '71

RETENTION OF MILITARY PERSONNEL

AF losing quality in enlisted force. AF Times 32:3 Aug 25 '71

Accent on youth. (Excerpts from briefing, Commanders Conference, Ramey AFB, PR, Feb 12, 1971) LtGen George B. Simler. tabs AF Pley Ltr for Comdrs: Sup No. 5:22-27 May '71

Airman motivation. SMSgt Bruce Emerson. USAF Instrs J 8:12-14 Spring '71

Airmen reveal likes and dislikes. AF Times 32:3 Sep 29 '71

As a "short-termer" sees it. SP4 Keith E. Fickenscher. illus Soldiers 26:38-42 Aug '71

Coming and going (a 20% annual turnover of AF personnel) sends costs up. Ed Gates. AF Times 32:13 Aug 25 '71

Congress delays action on pay bill. AF Times 32:1+ Aug 18 '71

Counseling push seeks retention. AF Times 31:6 Feb 10 '71

Delayed re-ups: More changes. Bruce Callander. AF Times 32:13 Nov 17 '71

Demands of young need more 'aging.' Bruce Callander. AF Times 32:13 Oct 20 '71

Every one is our business. TIG Brief 23:1 Apr 9 '71

Fighting seamen of the seventies. Joseph Palmer. NATO's Fifteen Nations 16:59+ Oct-Nov '71

RETENTION OF MILITARY PERSONNEL - Continued

First-term EM stay in--one-third re-up. AF Times 32:22 Oct 13 '71

1st-term retentions show rise in rate. AF Times 31:2 Jun 2 '71

The frustration factor. CDR F.B. Shemanski. illus US Nav Inst Proc 97:27-33 Apr '71

House panel acts on lawyers' pay bill. Armed Forces J 108:16-17 Jul 5 '71

How to aid officer retention. Capt Marvin T. Hopgood, Jr. illus MarCor Gaz 55:21-27 Jan '71

Human factors engineering--a potential personnel management tool. Maj Donald S. Fujii. AU Rev 22:66-69 May-Jun '71

Indicators of trouble. LtCol William E. Haas. illus Mil Rev 51:20-24 Apr '71

Is off-base living retention key. Bruce Callander. AF Times 31:13 Jan 20 '71

Junior officer retention--a lot of little things. LT Malcolm S. Harris. illus US Nav Inst Proc 97:26-31 Mar '71

Logistics makes VOLAR (VOLunteer ARmy) the "with it" Army. illus Army Log 3:30-33 Jul-Aug '71

Make it right. Gen Leonard F. Chapman, Jr. illus MarCor Gaz 55:18-20 Jan '71

Mistrust and suspicion. SGM Edward J. Urban. MarCor Gaz 55:49-50 Jun '71

The National Guard's no. 1 problem. (Manpower) illus Natl Guardsman 25:26-28 Dec '71

Navy announces new special program for junior officer group. Officer 47:27 Sep '71

Navy must change to survive in coming all-volunteer age. Stephan A. Schwartz. illus Navy 14:15-20 Jan '71

New special pay for military lawyers under Pirnie/Inouye plan. James Hessman. tabs Armed Forces J 108:28-29 May 3 '71

Officer loss 'must slow.' George Foster. AF Times 31:1+ Jan 27 '71

Poll asks, 'Why go Air Force?' 'Job satisfaction' ranks no. 1. AF Times 32:10 Dec 15 '71

Preparing for zero draft. (Remarks, Pentagon Press Corps, Washington, Dec 7, 1970) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 2:19-23 Feb '71

The quiet crisis in the silent service. CAPT Tom B. Thamm. illus US Nav Inst Proc 97:50-58 Aug '71

Recruiting, retention are serious problems, Army officials tell congressional committee. Officer 47:19 Dec '71

Recruiting-retention woes cross ocean. AF Times 31:19 Aug 4 '71

Re-enlistment rate shows hefty increase. AF Times 32:26 Nov 17 '71

Reserve retention vs readiness. Capt George W. Ayers. illus MarCor Gaz 55:36-38 Jun '71

Retention booms; problems remain. Bruce Callander. AF Times 32:1+ Aug 11 '71

Retention efforts pushed. AF Times 31:23 May 19 '71

Retention looks better. Bruce Callander. AF Times 31:1+ Mar 17 '71

RETENTION OF MILITARY PERSONNEL - Continued

Retention proposals restudied. AF Times 31:1+ Jan 13 '71

Retention: The talk and the deeds. CDR Charles McIntosh. illus US Nav Inst Proc 97:58-63 Sep '71

Shortage of senior JAG officers grows. AF Times 32:24 Dec 1 '71

The silent vote. LTJG F.G. Dengler. illus US Nav Inst Proc 97:34-37 Feb '71

652 airmen who came back tell why. AF Times 32:6 Nov 3 '71

They call it TOPCAP. Maj Norbert R. Khus. illus tab Airman 15:11-15 Sep '71

Third of officers want out--unhappy give variety of reasons. AF Times 32:6 Dec 29 '71

2 retention efforts (Palace Gold and Palace Leader) show early payoff. AF Times 31:2 Mar 31 '71

Utopian pay rates dreamed for some (Project TOPDROP, Total Objective Plan for Decreasing Rates On Promotion). Bruce Callander. AF Times 31:13 Jun 30 '71

Volunteer Army: How it looks to a company commander. Capt Robert B. Killebrew. illus Army 21:19-22 Mar '71

What are limits of WAF totals? Bruce Callander. AF Times 32:13 Nov 10 '71

What makes Sammy stay? CAPT Benjamin C. Byrnside. tabs Persp in Def Mgt, pp 45-50, Autumn '71

What some officers believe. 1stLt T.K. Shaw. MarCor Gaz 55:48-49 Jun '71

Zumwalt calls retention problem 'nothing short of disastrous.' tab Armed Forces J 108:14-15 Mar 15 '71

Statistics

Navy retention improves, still unsatisfactory. illus tab Armed Forces J 108:16-17 Jun 21 '71

Retention figures improve. George Foster. AF Times 31:1+ Jun 9 '71

RETIRED MILITARY PERSONNEL

Another job firm organized. AF Times 31:25 May 19 '71

But watch out for thorns--the rosy years of retirement. LtCol Tom Hamrick, Ret. illus Army 21:41-44 May '71

California attracts most retirees. tab AF Times 31:10 Apr 28 '71

Complete dual pay pushed. AF Times 31:11 Jun 30 '71

DOD action due on retiree plans. AF Times 31:35 Mar 17 '71

Dual comp curb kept--Senate acts. tab AF Times 31:3 Jul 7 '71

Dual comp law here to stay. Ed Gates. AF Times 31:13 Jul 14 '71

Dual comp may change--many hurdles in the way. AF Times 31:3 Feb 24 '71

Employed in industry--retiree 'influence' refuted. AF Times 32:6 Aug 25 '71

Ex-military facing Civil Service probe. AF Times 31:5 Jul 21 '71

RETIRED MILITARY PERSONNEL - Continued

Firm (Aerojet ElectroSystems Co) appoints 'space' general (BrigGen William G. King, Jr, Ret). AF Times 31:37 Jun 9 '71

The generalist: A saleable commodity. LtCol Richard J. Bean. illus Army 21:44-46 Feb '71

Guadalajara right spot for retiree. Chuck Deare. illus AF Times 31:41 Mar 24 '71

JROTC faculty posts open to 100 retirees. AF Times 32:10 Dec 8 '71

Job disclosure begins (for) retirees in Defense work. AF Times 31:6 Jun 9 '71

Many (retirees) lose raise. AF Times 31:10 Jan 20 '71

Maxwell (AFB, Ala) holds 'health week 71.' AF Times 31:32 Jul 7 '71

Pay recomp aired--kin aid spurred. AF Times 31:3 May 26 '71

Recruiter slots for retired eyed. AF Times 31:1+ Apr 28 '71

Reserve units told not to sign retirees. AF Times 31:8 Jan 13 '71

Retired strain medics--hospitals can't meet demands. Jim Sample. AF Times 31:1+ Mar 3 '71

Retiree hiring faces probe. Ed Gates. AF Times 31:13 Jul 21 '71

Retiree irritant added. Bob Schweitz. AF Times 31:1+ Jan 27 '71

Retiree pay attachment faces flight. Bob Horowitz. AF Times 32:13 Nov 17 '71

Retiree pay hike seen in January (1972). AF Times 31:4 Jul 7 '71

'Retiree-recruiter' makes sense. Ed Gates. AF Times 31:13 May 5 '71

Retiree-recruiter still a good idea. Ed Gates. AF Times 31:13 Jun 30 '71

Retirees also feel pinch in unemployment increase. AF Times 32:6 Nov 10 '71

Retirees in industry--'dangerous.' AF Times 32:58 Oct 13 '71

Retirees wait & wait (for military space-available flights). AF Times 31:3 Apr 28 '71

Retirement abroad: Spain still low in cost. Bob Jones. map AF Times 31:28 Apr 28 '71

Retirement costs skyrocket. Ed Gates. AF Times 32:13 Aug 18 '71

Retirement package: More options, smaller annuities, improved survivor benefits. James D. Hessman. Armed Forces J 109:46-47 Dec '71

Retirement supplement. AF Times 31:20p sup opposite p28 Apr 21 '71; 32:24p sup opposite p28 Sep 29 '71

Service retirees face employment problems as job market fades. Officer 47:24 Jan '71

Survey of retired finds most use BX, commissary. Ed Gates. AF Times 32:1+ Sep 22 '71

Targeting your "second career." LtCol James R. Mailler. illus Army Dig 26:42-44 Mar '71

Teaching offers rewards. Robert E. Hicks. AF Times 32:13 Nov 17 '71

Two hours from Harriet's Kneecap. (Retirees make prime targets for sight-unseen land promotion pitches) LtCol Tom Hamrick, Ret. illus Army 21:28-32 Mar '71

RETIRED MILITARY PERSONNEL - Continued

Where they retire. illus AF Times pt 1, All services like DC area. 31:31+ May 5 '71; pt 2, Tucson: A 'young' city. 31:16 May 19 '71; pt 3, Disney World, industry spur Orlando growth. 31:34+ Jun 2 '71; pt 4, San Antonio: Military pluses. 31:32+ Jun 16 '71; pt 5, Sacramento: Number 2 tries hard. 31:28 Jun 30 '71; pt 6, Oklahoma's air-minded City. 31:28-29 Jul 14 '71; pt 7, Forward for Denver. 31:32 Jul 28 '71; pt 8, Tampa lives the outdoor life. 32:34 Aug 11 '71; pt 9, California's 'city beautiful' (Riverside). 32:28 Aug 25 '71; pt 10, Fort Worth--'now town.' 32:18 Sep 8 '71

Statistics

California attracts most retirees. tab AF Times 31:10 Apr 28 '71

Personnel cuts continue, new pay hikes proposed. James D. Hessman. tabs Armed Forces J 108: 28-29+ Feb 15 '71

RETIRED OFFICERS ASSOCIATION

Military blasts airing of secrets (in New York Times). Ed Gates. AF Times 31:1+ Jun 30 '71

Military retired benefits. (Views of ROA presented to White House Special Inter-Agency Committee. Reprinted from Retired Officer, June 1971) Review 51:35-36+ Jul-Aug '71

Recomp, other benefits requested by retirees. AF Times 31:25 May 19 '71

TROA (Retired Officers Association) to offer insurance for actives' dependents. AF Times 32:58 Nov 17 '71

RETIRED SERVICEMAN'S FAMILY PROTECTION PLAN

Annuity plan helps some, not others. AF Times 32:59 Dec 1 '71

Annuity plan shaped--costs cut, benefits rise in Pike-Gubser proposal. Bob Horowitz. AF Times 32:1+ Aug 18 '71

DOD action due on retiree plans. AF Times 31:35 Mar 17 '71

Defense backs survivors plan. AF Times 31:1+ Jun 2 '71

Divorce doesn't result in RSFPP refund. AF Times 31:54 Feb 10 '71

House panel approves survivor benefit program. Armed Forces J 109:11-12 Sep '71

New annuity plan holds big benefits for survivors. AF Times 32:55 Oct 6 '71

The new annuity plan (Pike-Gubser Survivor Benefits Bill): Coverage up, cost down. Bob Schweitz. tab AF Times 31:44 Jun 16 '71

'71 annuity bill unlikely--survivor package gathering dust. AF Times 31:3 Jan 13 '71

Pay recomp aired--kin aid spurred. AF Times 31:3 May 26 '71

(The Pike Bill) Officer pt 1, Pike Subcommittee report explains bill establishing military survivors benefits plan. 47:22 Nov '71; pt 2, Senate now has for consideration new bill for survivors benefits as passed by the House. 47:22-23 Dec '71

RSFPP revision likely. Bob Horowitz. AF Times 31:1+ Feb 3 '71

Recomp, other benefits requested by retirees. AF Times 31:25 May 19 '71

RETIRED SERVICEMAN'S FAMILY PROTECTION PLAN RETIREMENT - Continued

- Continued

Retirement review set--Nixon asks recomp, kin study. Bob Schweitz. AF Times 31:1+ Mar 31 '71

Survivor annuity clears (House Armed Services) Committee. AF Times 32:5 Sep 29 '71

2 precedents involved in widow annuity plan. Bob Horowitz. AF Times 32:10 Aug 25 '71

Widow annuity moves. Bob Horowitz. AF Times 32:1+ Nov 3 '71

RETIREMENT

See also

Discharges, Releases, and Separations

Air Force--Great Britain

To commute or not to commute. WgComdr K.J. Newman. Royal Air Forces Qtr 11:143-146 Summer '71

Air Force--U. S.

Bid to ease EM up-or-out denied--Sergeants Association proposal. AF Times 31:5 Apr 21 '71

(BrigGen) Talbot, (MajGen) Patterson replace each other (and retirements, promotions, and other reassignments announced). illus Aerosp Med 43: 591 May '71

Brofft named to head Pacific Exchange System--Vande Hey to retire (and other reassignments and retirements announced). AF Times 31:3 Mar 17 '71

Clay to command PACAF; Lavelle gets top SEA job (and other star retirements and reassignments announced). AF Times 31:3 May 19 '71

EM career to change--actions weighed. Bob Schweitz. AF Times 31:1+ Feb 24 '71

Earlier retirement decision awaited. AF Times 31:8 Jan 27 '71

4 generals announce retirement (and others are reassigned). AF Times 32:5 Nov 24 '71

Gen Moorman (Ret) joins firm's board (and positions of other retired officers announced). AF Times 31:30 Mar 10 '71

General (Otis E.) Winn decorated at retirement ceremony. illus Translog 2:23-24 Aug '71

General (Ralph G. Taylor, Jr) at Scott (AFB, Ill) retires. illus AF Times 31:34 Mar 31 '71

Holzapple retires, (LtGen David C.) Jones gets USAFE, (and other star retirements and assignments announced). illus AF Times 32:4 Aug 18 '71

Last days in uniform may not bring credit. AF Times 31:8 Mar 3 '71

(LtGen Earl C.) Hedlund receives job with CENTO (and other star shifts announced, including changes at Air War College). AF Times 31:3 Jun 30 '71

NCO force-out sized up. tab AF Times 31:1+ Feb 17 '71

New out actions shelved. Bruce Callander. AF Times 31:1+ Feb 24 '71

Officers differ on retirement--recent retirees polled. AF Times 32:11 Sep 29 '71

O'sea tours shortened--'73 retirees get break. AF Times 31:5 Aug 4 '71

Retirement at 20 not likely to go. AF Times 31:8 Jun 30 '71

Air Force--U. S. - Cont'd

Retirements save cash--'longevity' dips. AF Times 31:3 Jul 28 '71

(Retiring BrigGen Robert A. Duffy to become vice president, Draper Laboratories, MIT) illus AF Times 31:34 Jul 14 '71

Second chance unlikely for promotion refusers. AF Times 31:10 Jan 13 '71

Space pioneer retires. AF Times 31:29 Apr 28 '71

23 generals due mandatory exits. Ed Gates. AF Times 31:1+ Mar 10 '71

USAF, Germany honor (Gen Joseph R.) Holzapple at retirement. illus AF Times 32:50 Sep 22 '71

'Vested' payoffs pushed. AF Times 21:1+ May 5 '71

'Wimpy' Wilson to retire; other star shifts slated. AF Times 31:10 Jul 21 '71

Armed Forces--U. S.

Earlier retirement decision awaited. AF Times 31:8 Jan 27 '71

Freeze will hurt '72 retirees. Ed Gates. AF Times 32:6 Sep 8 '71

Kelley panel meets on recomp and survivor, disability benefits. Armed Forces J 108:12-13 Apr 19 '71

Retiree proposals stay flexible--military examination lacking. Bob Schweitz. AF Times 32:13 Nov 3 '71

Retirement review set--Nixon asks recomp, kin study. Bob Schweitz. AF Times 31:1+ Mar 31 '71

Retirement supplement. AF Times 31:20p sup opposite p28 Apr 21 '71; 32:24p sup opposite p28 Sep 29 '71

Star status: Army, Navy, Air Force. Regular feature in issues of Armed Forces Journal

Title III retirement changes proposed. Randy Shoemaker. AF Times 32:3 Nov 17 '71

VIPs honor Guard Chief (MajGen Winston P. Wilson). illus AF Times 32:43 Sep 15 '71

Marine Corps--U. S.

New retirement policy. MarCor Gaz 55:4 Sep '71

Walt retires, heads (new U.S. Marines) Youth Foundation. illus Armed Forces J 108:11-12 Feb 1 '71

National Guard--Air Force--U. S.

The hi-low option (retirement program). illus Air Reservist 23:6-7 Feb '71

National Guard--Armed Forces--U. S.

Justice sought for Guard's technicians. Natl Guardsman 25:28 Nov '71

Mister National Guard (MajGen Winston P. Wilson) retires. illus Air Reservist 23:3 Aug-Sep '71

NGAUS urges broader retirement benefits. Natl Guardsman 25:8-9 Jun '71

Reserve (and Guard) retiree study set. AF Times 31:5 Apr 21 '71

Navy--U. S.

New chief of NMC slated--ADM Kidd (and other reassignments and retirements announced). L. Edgar Prina. illus Navy 14:30 May '71

An unnumbered Z-gram: CNO's 'up or out' policy. Armed Forces J 108:15-16 Mar 15 '71

RETIREMENT - ContinuedReserve Forces--Air Force--U.S.

(Air) Reserve chief retires. Patricia R. Muncy. illus
AF Mag 54:68 Mar '71

Gen Marchbanks, first chief of USAFR, has retired
from active duty as of Feb 1 (1971). illus Officer
47:29 Feb '71

The hi-low option (retirement program). illus Air
Reservist 23:6-7 Feb '71

Reserve Forces--Armed Forces--U.S.

NGAUS urges broader retirement benefits. Natl
Guardman 25:8-9 Jun '71

Reserve (and Guard) retiree study set. AF Times
31:5 Apr 21 '71

'Title III' plan not all rosy. Bob Schweitz. AF Times
31:13 Mar 10 '71

Title III retirement changes proposed. Randy
Shoemaker. AF Times 32:3 Nov 17 '71

Reserve Forces--Army--U.S.

Build a career with U.S. Army Reserve Aviation.
LtCol Arthur E. Magary. USA Avn Dig 17:20-21
Jul '71

MajGen Sutton, Chief Army Reserve, to retire, with
all-time record of service in Army post. illus
Officer 47:25 Jan '71

RETIREMENT FROM BUSINESS, ETC

FAA holds two-day hearing to obtain comments on
possible regulation changes--age 60 rule. Aerosp
Med 42:1355-1356 Dec '71

RETIREMENT PAY

Appropriations bill has \$3.194 billion for retired
military. Officer 47:24 Jan '71

'Averaging' may result from retirement study. AF
Times 31:20 Apr 14 '71

"Basic difference" noted between active duty, Re-
serve retired pay. Officer 47:24 Jan '71

CPI hike now likely in May. tab Armed Forces J
108:11-12 Jan 18 '71

Complete dual pay pushed. AF Times 31:11 Jun 30 '71

Dual comp law here to stay. Ed Gates. AF Times
31:13 Jul 14 '71

Dual pay change revived for 1972. AF Times 32:4
Dec 1 '71

Ex-military facing Civil Service probe. AF Times
31:5 Jul 21 '71

Freeze effect (on retirees) lessens. Ed Gates.
AF Times 32:1+ Nov 10 '71

Freeze will hurt '72 retirees. Ed Gates. AF Times
32:6 Sep 8 '71

Kelley panel approves recomputation compromise.
tab Armed Forces J 109:20-21 Nov '71

Kelley panel hears arguments on recomputation.
James D. Hessman. Armed Forces J 108:15-16
Jun 7 '71

Kelley panel meets on recomp and survivor, disability
benefits. Armed Forces J 108:12-13 Apr 19 '71

Last days in uniform may not bring credit. AF Times
31:8 Mar 3 '71

Many (retirees) lose raise. AF Times 31:10
Jan 20 '71

RETIREMENT PAY - Continued

Military retired benefits. (Views of ROA presented
to White House Special Inter-Agency Committee.
Reprinted from Retired Officer, June 1971)
Review 51:35-36+ Jul-Aug '71

NAUS backs recomp. AF Times 31:2 Mar 10 '71

NGAUS urges broader retirement benefits. Natl
Guardman 25:8-9 Jun '71

Nixon eyes one recomp. Bob Schweitz. AF Times
32:1+ Oct 27 '71

Nixon gets report on retired pay. AF Times 31:3
Aug 4 '71

Pay recomp aired--kin aid spurred. AF Times 31:3
May 26 '71

President names recomputation committee; Rep
Hébert cites previous steps in letter to ROA.
Officer 47:24-25 May '71

Reactions varied to recomp plan. Bob Schweitz. AF
Times 32:4 Nov 3 '71

Reason told for one-shot recomp idea. Bob Schweitz.
AF Times 32:3 Dec 1 '71

Recomp asked for retired recalled to active duty.
AF Times 31:22 Apr 21 '71

Recomp hope seen by NAUS. AF Times 31:32
May 26 '71

"Recomp" hopes live again. Editorial. Officer 47:8
Jun '71

Recomp, other benefits requested by retirees.
AF Times 31:25 May 19 '71

Recomputation: A campaign promise becomes a polit-
ical liability. Bernadine M. Kopec. illus Armed
Forces J 108:36-38 Mar 15 '71

Recomputation: A 'progressive restoration' plan?
Armed Forces J 109:15 Sep '71

Recomputation, POW Week head list of new bills.
Armed Forces J 108:12-13+ Feb 15 '71

Reserve (and Guard) retiree study set. AF Times
31:5 Apr 21 '71

Reserve retired pay raised--point values increase.
tabs AF Times 31:20 Feb 24 '71

Retired outlay forecast. AF Times 32:1+ Aug 11 '71

Retired pay increase appears assured 1 July. Armed
Forces J 108:13 Mar 15 '71

Retired pay levy--House bill aids wives. AF Times
32:55 Oct 6 '71

Retiree hike seen for June. AF Times 31:2 Mar 17 '71

Retiree hiring faces probe. Ed Gates. AF Times
31:13 Jul 21 '71

Retiree overhaul eyed--pay plan includes recomp.
Bob Schweitz. AF Times 32:1+ Oct 20 '71

Retiree pay gap widens. Ed Gates. AF Times 31:1+
Feb 24 '71

Retiree pay hike seen in January (1972). AF Times
31:4 Jul 7 '71

Retiree recomp report delayed. AF Times 31:1+
Jul 14 '71

Retirement Committee (of ROA) favors survivors
benefits fill; votes to press recomputation fight.
Officer 47:24 Apr '71

RETIREMENT PAY - Continued

Retirement costs skyrocket. Ed Gates. AF Times 32:13 Aug 18 '71

Retirement package: More options, smaller annuities, improved survivor benefits. James D. Hessman. Armed Forces J 109:46-47 Dec '71

Retirement review set--Nixon asks recomp, kin study. Bob Schweitz. AF Times 31:1+ Mar 31 '71

Sergeants' group balks at full recomp. AF Times 31:15 May 19 '71

Study group keeps 'free' retirement. AF Times 32:2 Aug 18 '71

Study of pay regulations urged before retirement. AF Times 31:15 Feb 3 '71

'Title III' plan not all rosy. Bob Schweitz. AF Times 31:13 Mar 10 '71

Title III retirement changes proposed. Randy Shoemaker. AF Times 32:3 Nov 17 '71

To commute or not to commute. WgComdr K.J. Newman. Royal Air Forces Qtr 11:143-146 Summer '71

2 precedents involved in widow annuity plan. Bob Horowitz. AF Times 32:10 Aug 25 '71

'Vested' payoffs pushed. AF Times 31:1+ May 5 '71

Laws and Regulations

Retiree pay attachment faces fight. Bob Horowitz. AF Times 32:13 Nov 17 '71

RETRAINING PROGRAMAir Force

The Air Force correction program for the 1970's. Capt John E. Moyer. illus AF JAG L Rev 13:81-95 Spring '71

Airman retraining/lateral training programs. TIG Brief 23:6 Nov 5 '71

Club duty offered. AF Times 31:15 Mar 31 '71

Data given on E-5 selections. tab AF Times 31:4 Jun 2 '71

Guidelines established for retrainee program (at Lowry AFB, Colo). AF Times 31:17 Apr 7 '71

Lowry (AFB, Colo) group salvages airmen--penal reform model. Jim Sample. illus AF Times 31:22 May 19 '71

New facilities planned for rehabilitation (at Lowry AFB, Colo). AF Times 32:24 Nov 24 '71

New rehabilitation plan to start. AF Times 31:3 Mar 3 '71

New rehabilitation project starts. AF Times 31:20 May 19 '71

Officer retraining opportunities. TIG Brief 23:5 Aug 27 '71

Project Palace Armor. TIG Brief 23:11 Jan 15 '71

Retrained EM must use o'sea imbalanced skills. AF Times 31:22 Jul 21 '71

Retraining list revised. AF Times 32:4 Oct 13 '71

Retraining open to more airmen--schools also expand. Tony McHale. AF Times 31:20 Jun 23 '71

Retraining rule altered. Tony McHale. AF Times 32:1+ Sep 8 '71

SAC offers flying jobs. AF Times 31:22 Feb 17 '71

RETRAINING PROGRAM

The Army's halfway house. Facility, Fort Riley, 1 illus Army 21:30-32 Nov '71

REVENUE SHARING

Revenue sharing battle heats futures at stake. Samuel S. Exec 3:59-61 Apr '71

REVEITEMENTS

Thin-walled revetments. G. Lee Carre. illus Mil Engr 63:170-171 May-Jun '71

REVIEWS, MILITARY see Military Ceremonies, Honors and Salutes

REVOLUTIONARY WAR--U.S.

The battle at Cowpens. (Annual Military History Writing Award) Maj Michael D. Mahler. illus map Mil Rev 51:56-63 Jan '71

Washington and the sea. RADM John D. Hayes, Ret. illus map Mil Rev 51:60-66 Jul '71

REVOLUTIONS

Ireland and then? John Biggs-Davison. illus NATO's Fifteen Nations 16:70-74 Aug-Sep '71

RIBICOFF, Abraham

The Ribicoff inquiry. Edward J. Michelson. por Review 50:43+ May-Jun '71

RICE, Harold W.

From transistor to micro-electronics. (Address, AFCEA, Washington, June 8, 1971) BrigGen Harold W. Rice. illus tabs Signal 25:38-41 Aug '71

RICHARDSON, David C.

Interposition & intermingling. (Opinions of VADMs B.J. Semmes and David C. Richardson at a Navy League Seminar) Stephan A. Schwartz. por Navy 14:17-21 Feb '71

RICKOVER, Hyman G.

Soviets have sub supremacy: Give 'catch up' top priority--Rickover renews warning. Col Robert D. Heintz, Jr. Armed Forces J 108:21 Jul 19 '71

RIDER, Graham W.

Logistics education--an overview. LtCol Graham W. Rider, Maj Robert M. Canady and Capt Brian G. Gnauck. tabs Log Spectrum 5:12-15 Summer '71

Logistics education: What is offered. Graham W. Rider and others. illus Log Spectrum 5:31-34 Fall '71

RIDGWAY, Matthew B.

A pictorial salute to former SACEURs. NATO's Fifteen Nations 16:26-29 Apr-May '71

RIFLE RANGES see Firing RangesRIFLES

Accent on marksmanship. LtCol W. W. McMillan and Capt R. E. Mattingly. illus MarCor Gaz 55:18-22 Sep '71

The ArmaLite AR-18 rifle--a trials report. Maj F. W. A. Hobart, Ret. illus tabs Intl Def Rev 4: 274-275 Jun '71

Conf. -
833
SELECTED
back
O
J

RETIREMENT - ended

... rifle (M16). Col Rex D. Wing. illus tab
Resonance 55:451-454 Mar-Apr '71

(The next NATO rifle. Maj F.W.A. Hobart, Ret. illus
 tabs Intl Def Rev 4:67-70 Feb '71

The Russian RPK. Maj F.W.A. Hobart. illus tabs
Ordnance 56:50-54 Jul-Aug '71

Search for a night sight. LtCol Santiago A. Garcia.
 illus Infantry 61:52-53 Mar-Apr '71

History

The Springfield Armory. Walter D. Mosher. illus Mil
 Rev 51:27-32 Aug '71

Study and Teaching

Shoot for a bull. (Army Marksmanship Training Unit)
 SP5 Tom Bailey. illus Soldiers 26:42-45 Oct '71

RILEY, Paul H.

Maintenance of weapons systems. Paul H. Riley.
 Def Mgt J 7:35-36 Fall '71

RIOT CONTROL

CS and its use. LtCol Skinner E. Anderson. illus
 Mil Rev 51:64-68 Jan '71

National Guard in civil disturbances. Maj Hans Duerr.
 illus Infantry 61:50-53 Sep-Oct '71

Ryan supports Catton on riots. AF Times 31:20
 Jun 23 '71

These troubled times. Regular feature in some issues
 of National Guardsman

(Washington) DCNG, police foil militants. illus Natl
 Guardsman 25:22-23+ Jun '71

Equipment

Flow of riot control and "war" equipment continues.
 Natl Guardsman 25:23-24 May '71

Nonlethal police weapons. Col Rex Applegate. illus
Ordnance 56:62-66 Jul-Aug '71

History

National Guard in civil disturbances. Maj Hans Duerr.
 illus Infantry 61:50-53 Sep-Oct '71

Training

Army rushes riot training and gear. Natl Guardsman
 25:24 Feb '71

Stand and hold. SP5 Tom Bailey. illus Soldiers 26:
 44-47 Jun '71

RIOTS

Catton sizes up Travis (AFB, Calif)--bosses blamed
 for riot. Tony McHale. AF Times 31:1+ Jun 16 '71

89 airmen arrested after Travis (AFB, Calif) brawl.
 AF Times 31:2 Jun 9 '71

Frustration cited in riots--opportunity chief's view.
 Tony McHale. AF Times 31:1+ Jul 7 '71

Guard answers 'quake, tornado and riot calls. Natl
 Guardsman 25:34 Mar '71

The Guard at Kent University. MajGen Jim Dan Hill,
 Ret. illus Natl Guardsman 25:8-12 Feb '71

Ohio State--ROTC case history of success. John R.
 Bonner, Jr. illus Navy 14:30-34 Jul-Aug '71

Racial outbursts feared spreading--Travis (AFB,
 Calif) called a Watts. Tony McHale. AF Times
 31:3 Jun 30 '71

RIOTS - Continued

Ryan supports Catton on riots. AF Times 31:20
 Jun 23 '71

RIVER CROSSING, MILITARY see Stream Crossing,
MilitaryRIVERO, Horacio, Jr

The challenge in the South (of Europe). ADM Horacio
 Rivero. illus NATO's Fifteen Nations 16:60-64+
 Apr-May '71

RIVERS, L. Mendel

Armed Services Chairman (L. Mendel Rivers) is
 honored by many nonpartisan eulogies. Officer
 47:8 Feb '71

Congressman Rivers dies; Successor to "continue the
 march." por Natl Guardsman 25:21+ Feb '71

Defense titans (L. Mendel Rivers and Richard Russell)
 leave the scene. L. Edgar Prina. por Navy 14:
 34-35 Feb '71

Evaluation of Mendel Rivers by those who admired
 him. Col John T. Carlton. por Officer 47:12-13
 Feb '71

"It takes a lifetime." L. Mendel Rivers: His last
 press interview. Editorial. Benjamin F. Schemmer.
 por Armed Forces J 108:4 Jan 4 '71

L. Mendel Rivers, GI's friend, dies. obit AF Times
 31:4 Jan 6 '71

'Let me tell you about Mendel.' John L. McMillan
 and others. por Armed Forces J 108:18-24
 Jan 18 '71

Looking ahead thirty years after the death of Mendel
 Rivers. Editorial. Officer 47:6 Feb '71

Military mourns Mendel Rivers. por AF Mag 54:24
 Feb '71

Rivers cited for posthumous honor (James Forrestal
 Memorial Award). AF Times 31:43 Feb 10 '71

The Soviet threat. (From address, House of Repre-
 sentatives, Sep 28, 1970) L. Mendel Rivers. Intl
 Def Rev 4:39-40 Feb '71

Why didn't flags honor Rivers? Ed Gates. AF Times
 31:13 Jan 27 '71

RIVERS see WaterwaysROADS

Highways and national defense. F. C. Turner. Mil
 Engr 63:229-231 Jul-Aug '71

Highways for Okinawa. Joseph W. Guyton and others.
 illus tab map Mil Engr 63:270-272 Jul-Aug '71

New uniform traffic control devices. illus TIG Brief
 23:27 Mar 12 '71

ROBBINS, Jack B.

Doing more with less through technology. (Address,
 Dallas Chapter, AFCEA, Dec 10, 1970) BrigGen
 Jack B. Robbins. AF Plcy Ltr for Comdrs: Sup
 No. 4:9-16 Apr '71

Meet BrigGen Jack B. Robbins. por AF Compt
 5:17+ Nov '71

The need to do more with less. BrigGen Jack B.
 Robbins. illus Signal 25:18-21 May '71

ROBERTS, J. Milnor, Jr

Army Reserve chief sees manpower challenge. (Re-
 marks, ROA Fall meeting, Omaha, Oct 2, 1971)
 MajGen J. Milnor Roberts, Jr. por Officer 47:18+
 Nov '71

ROBERTS, J. Milnor, Jr - Continued

Combat record of MajGen (J. Milnor) Roberts (Jr) cited as he takes oath as Chief of Army Reserve. Officer 47:21 Jul '71

The key to your future: Army Reserve Aviation. MajGen J. Milnor Roberts. illus USA Avn Dig 17:4-7 Jul '71

New Army Reserve chief, survivor of "the longest day" in Normandy, has outstanding record in military command and leadership roles. por Officer 47:13-14 May '71

ROBERTS, James M.

Past president Lewis gets post as Air Force Chief of Reserves; James M. Roberts named by President to succeed Sutton in Army post. Officer 47:5 Apr '71

ROBERTSON, Charles S.

New comptrollers (BrigGen Charles S. Robertson, RADMs Edward D. Scheiderer and William M. Harnish, and LtGen John M. Wright, Jr). por Armed Forces Compt 15:16-17 Fall '70

ROCKET BOOSTERS see BoostersROCKETSSee also

Missiles

How rockets work. S. Buchanan and R. G. Cruddace. illus (Also cutaways) tabs Space World H-1-85: 13-22+ Jan '71

Questions and answers on rocket technology. G. W. Collins. illus tab Spaceflight 13:148-149 Apr '71; 13:179-180 May '71; 13:293-294 Jul '71; 13:293-294 Aug '71; 13:466-467 Dec '71

Tactical air to surface weapons. John Marriott. illus tab Intl Def Rev 3:162-166 Jun '71

Why the rocket beam? Capt Raymond T. Klosowski. illus Interceptor 13:20-21 Apr '71

Amateur Experiments

Model rockets--useful teaching aids. illus Space World H-4-88:41-42 Apr '71

Characteristics

How rockets work. S. Buchanan and R. G. Cruddace. illus (Also cutaways) tabs Space World H-1-85: 13-22+ Jan '71

Engines

Controlling the thrust of rocket engines--a State-of-the-Art survey. Neil A. Zarin. (Reprinted from Research Trends, Winter 1971) illus (Also cutaways) Space World H-5-89:30-34 May '71

NERVA. M. T. Johnson. illus (Also cutaway) tab Ordnance 55:360-363 Jan-Feb '71

Rocketry's ageless wonders. (Reprinted from Sky-line, vol 28, no. 4, 1970) illus Space World H-5-89:4-15 May '71

Testing

SERT 2 report. Spaceflight 13:163 May '71

Launching

Canadian launch facilities. J. A. Tarzwell. illus Spaceflight 13:225-226 Jun '71

The Canadian scientific sounding rocket programme. P. de L. Markham. illus Spaceflight 13:227-228 Jun '71

ROCKETS - ContinuedCanada

Canadian launch facilities. J. A. Tarzwell. illus Spaceflight 13:225-226 Jun '71

Great BritainHistory

Sir William Congreve--rocket pioneer. P. M. Molton. map Spaceflight 13:23 Jan '71

Italy

Artillery developments in the Italian Army. Gen Andrea Cucino. illus Intl Def Rev 4:139-141 Apr '71

United States

(Space) Museum (Cape Kennedy AFS, Fla) displays rockets. illus AF Times 32:40 Sep 29 '71

ROCKETS, NUCLEAR POWERED

How rockets work. S. Buchanan and R. G. Cruddace. illus (Also cutaways) tabs Space World H-1-85: 13-22+ Jan '71

NERVA. M. T. Johnson. illus (Also cutaway) tab Ordnance 55:360-363 Jan-Feb '71

ROCKETS, SOUNDINGCharacteristics

The rockets of Bristol Aerojet. illus tab Spaceflight 13:30-32 Jan '71

Canada

The Canadian scientific sounding rocket programme. P. de L. Markham. illus Spaceflight 13:227-228 Jun '71

Great Britain

The British national space programme. (Address, 10th European Space Symposium, Paris, June 8-10, 1970) N. Simmons. illus (Also cutaways) Spaceflight 13:6-11 Jan '71

The rockets of Bristol Aerojet. illus tab Spaceflight 13:30-32 Jan '71

ROGERS, Felix M.

Two-star diplomat. (Senior member on the (U.N.) Military Armistice Commission, Korea) Capt Robert P. Everett. por Airman 15:17 Aug '71

ROLES AND MISSIONSAir Force--U.S.

But who takes care of the water boy? (Mission support flying) Maj Richard L. Wing. illus MAC Flyer 18:4-8 Jun '71

The future Air Force. Gen John D. Ryan. illus Ordnance 56:202-205 Nov-Dec '71

Strategic Air Command: The "peace is our profession" corps. illus Contact 25:2-5 Sep-Oct '71

(Tactical Air Warfare Center reorganization) illus Tac Air Warfare Cen Qtr Rpt 2:entire issue Autumn '71

Understanding the Air Force mission. (Text of letter, June 11, 1971, to commanders of major commands and separate operating agencies). Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 8:2-3 Aug '71

The "we fly harder" (Tactical Air) Command. illus Contact 25:1-3 Mar-Apr '71

ROLES AND MISSIONS - ContinuedArmed Forces--U.S.

The changing role of the military profession. BrigGen Robert N. Ginsburgh and Capt Pember W. Rocap. illus AU Rev 22:2-13 Mar-Apr '71

Extra, Strike Command. illus Navy 14:36-37 Jul-Aug '71

Army--U.S.

'A career of service to your fellowman is the highest career of all.' (Address, West Point, May '71) Richard M. Nixon. illus Armed Forces J 108:28-31 Jun 21 '71

Tight budgets, mission challenge Force planners. LtGen Robert R. Williams. illus Army 21:80-85 Oct '71

A time of challenge. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Gen James H. Polk, Ret. illus Armor 80:28-30 Jul-Aug '71

Marine Corps--Philippines (Republic)

Philippine Marines: A nation's pride. Comdr Cesar C. Betita. illus MarCor Gaz 55:39-42 Oct '71

Marine Corps--U.S.

An alternative proposal (to BrigGen Henderson's "The FMF"). Col Lee R. Bendell. MarCor Gaz 55:51-52 Sep '71

The FMF: An alternative future and how to get there. BrigGen F.P. Henderson, Ret. illus tabs charts MarCor Gaz 55:18-48 Jul '71

National Guard--Air Force--U.S.

New aircraft, missions mark ANG's latest conversions. Natl Guardsman 25:22-23 May '71

Navy--U.S.

Science, technology, and change: Implications for the Navy. Col Raymond C. Shreckengost. illus Nav War Col Rev 24:1-16 Nov '71

State of the Navy--a hard look and a somber tone. George W. Ashworth. illus Navy 14:8-13 May '71

ROLLS-ROYCE, LTD

Lockheed and Rolls-Royce's problems continue. illus Interavia 26:361-363 Apr '71

Rolls-Royce: Troubled but tenacious. Stefan Geisenheyner. illus Aerosp Intl 7:38-41 Jan-Feb '71

ROME AIR DEVELOPMENT CENTER

The Rome Air Development Center--"exploring the invisible frontier." illus Contact 25:2-3 May-Jun '71

ROMNEY, George

HUD steps up realignment of programs. Samuel Stafford. por Govt Exec 3:50+ Mar '71

ROOT, Elihu

Dedication. por biog Parameters 1:1 Spring '71

ROSSON, William B.

Change is watchword in bustling USARPAC. Gen William B. Rosson. por Army 21:57-61 Oct '71

ROSTOW, Walt W.

Politico-economic world developments as they affect NATO nations in the 1970's. (Address, Allied Command Atlantic Naval Symposium, SACLANC Hq, Norfolk, Va, Nov 4, 1970) Walt W. Rostow. por Nav War Col Rev 23:4-13 Apr '71

ROTATIONAir Force--U.S.

Commands to rotate 120 pilots. AF Times 32:3 Nov 10 '71

Effects of PCS policy viewed--chain reaction triggered. AF Times 31:19 Feb 24 '71

Med evac flights highlight TAC rotation. Jim Sample. AF Times 31:17 Jul 14 '71

Army--U.S.

Officer corps reform is our job. LtCols William L. Hauser and Zeb B. Bradford, Jr. illus Army 21:34-39 Dec '71

What's wrong with being an expert? (Disadvantage of Army's reassignment policy) BrigGen Lynn D. Smith, Ret. Army 21:26-29 Nov '71

ROUSSELOT, Louis M.

Dr Rousselot quits Defense health post. AF Times 31:3 Jul 7 '71

Two honorary members (Drs Wernher von Braun and Louis Rousselot) named in Houston (Tex) at 42d Annual Meeting (of Aerospace Medical Assoc, April 26-29, 1971). por Aerosp Med 42:689 Jun '71

ROYAL AIR FORCES ASSOCIATION

RAFA shows the flag at Scarborough (Eng). RAF Annual Conference, 1971) Peter Breen. illus Royal Air Forces Qtr 11:211-213 Autumn '71

RUCKELSHAUS, William D.

EPA is off to a fast start, but the early pace is hectic. Samuel Stafford. por Govt Exec 3:33-34+ May '71

RUCKNER, Edward A.

FY 1972 Defense RDT&E program: Navy, RADM Edward A. Ruckner. por Def Ind Bul 7:7-12 Summer '71

RUNWAYSSee alsoAirstrips

Base operations. TIG Brief 23:22 Mar 12 '71

Combat traction. illus Interceptor 13:8-10 Apr '71

Continuously reinforced concrete pavement. Mark W. Hicks and Capt David A. Nuss. illus Mil Engr 63:407-409 Nov-Dec '71

Hand in hand. illus Natl Guardsman 25:28 Mar '71

Pavement tests for the jumbo jet. Harry H. Ulery, Jr and SP5 Michael J. Trawle. illus Mil Engr 63:164-166 May-Jun '71

Traction and pavement. Frank P. Dall. illus AF Civil Engr 12:18 Feb '71

Visual illusions. LtCol Donald G. Pitts, Ret. (Condensed from USAF Medical Service Digest, Sep 1969; reprinted from Interceptor, Dec 1970) illus USA Avn Dig 17:16-21 May '71

RUSK, Dean

Rusk to receive (George) Marshall Medal. por Army 21:9 Sep '71

RUSSELL, Austin J.

Pilot's capabilities, opportunities, responsibilities. (Remark, Graduation of UPT Class of 71-06, Columbus AFB, Miss, March 16, 1971) LtGen Austin J. Russell. AF Plcy Ltr for Comdrs: Sup No. 5:28-32 May '71

RUSSELL, Richard B.

Defense titans (L. Mendel Rivers and Richard Russell) leave the scene. L. Edgar Prina. por Navy 14: 34-35 Feb '71

"He was that sort of patriot." Editorial. por Officer 47:4+ Mar '71

Sen Russell dies at 73. AF Times 31:4 Feb 3 '71

RUSSIA

R. U. S. I. /R. M. A. S. Research Centre bulletin. (Précis, abstracts, or translations of whole articles from the Soviet press) Regular feature in some issues of Royal United Services Institute for Defense Studies Journal

The USSR in photos. Soviet Mil Rev No. 2:30-33 Feb '71

Economic Conditions

Build-up of the Soviet economy to repulse aggression in 1939-41. MajGen Y. Nikitin. Soviet Mil Rev No. 3:40-42 Mar '71

The Communist objective: Domination of the entire world society is the ultimate goal. Foy D. Kohler. Ordnance 56:118-120 Sep-Oct '71

Convincing results--broad vistas. Vasily Dmitriev. illus Soviet Mil Rev No. 4:10-11 Apr '71

For the sake of man (in USSR today). Vasily Dmitriev. illus Soviet Mil Rev No. 7:15-17 Jul '71

Soviet military-economic complex. Konstantin K. Krylov. illus Mil Rev 51:89-97 Nov '71

Economic Policy

Brezhnev's economic choice: More weapons and control or economic modernization. John P. Hardt. illus Parameters 1:43-53 Fall '71

Convincing results--broad vistas. Vasily Dmitriev. illus Soviet Mil Rev No. 4:10-11 Apr '71

For the sake of man (in USSR today). Vasily Dmitriev. illus Soviet Mil Rev No. 7:15-17 Jul '71

International significance of the ninth five-year plan. Vasily Yefremov. illus Soviet Mil Rev No. 11:6-9 Nov '71

The ninth five-year plan. G. Alexeyev. illus Soviet Mil Rev No. 5:6-8 May '71

One of the most important tasks (is to strengthen the Armed Forces). Col V. Zubarev. illus Soviet Mil Rev No. 7:10-14 Jul '71

The stakes are oil. Hanson W. Baldwin. illus Army 21:10-15 Aug '71

Foreign Economic Relations

International significance of the ninth five-year plan. Vasily Yefremov. illus Soviet Mil Rev No. 11:6-9 Nov '71

Middle East

The stakes are oil. Hanson W. Baldwin. illus Army 21:10-15 Aug '71

Foreign Policy

The bear in the burnoose--a first hand report on Russia's Arab bases. Lawrence Griswold. illus map Sea Power 14:16-23 Sep '71

The bear that swims like a fish. RADM Kemp Tolley. Ret. illus US Nav Inst Proc 97:41-45 Jun '71

RUSSIA - ContinuedForeign Policy - Cont'd

The Communist objective: Domination of the entire world society is the ultimate goal. Foy D. Kohler. Ordnance 56:118-120 Sep-Oct '71

The dilemmas of Soviet policy in the Middle East John R. Thomas. illus Parameters 1:34-42 Fall '71

For peace and cooperation against war and aggression. Col O. Ivanov. Soviet Mil Rev No. 6:6-8 Jun '71

The growing Soviet naval presence in the Caribbean: Its politico-military impact upon the United States. (Research paper, School of Naval Command and Staff, 1971) LCDR Jack L. Roberts. illus maps Nav War Col Rev 23:31-42 Jun '71

NATO and the Brezhnev doctrine. MajGen M. W. J. M. Broekmeijer. illus NATO's Fifteen Nations 16: 22-24 Jun-Jul '71

Oil--another pawn. Robert N. Merz. map Ordnance 56:211-213 Nov-Dec '71

Overview of Soviet strategy. (Address, Navy League Seminar on Soviet Seapower, New York, 1971?) Frank R. Barnett. illus Nav War Col Rev 23:16-21 Jun '71

Soviet foreign policy: An appraisal. Paul E. Zinner. Forum No. 12:17-31 Spring '71

Soviet global policy and the Middle East. Uri Ra'anana. illus Nav War Col Rev 24:19-29 Sep '71

The Soviet presence in the Mediterranean: A short history. Philippe Masson and J. Labayle Couhat. (Trans from a French publication) Nav War Col Rev 23:60-66 Jan '71

Soviet strategy for the seventies. LtCol Donald L. Clark. illus AU Rev 22:2-18 Jan-Feb '71

Under the laws of internationalism. Col V. Zmitrenko. illus Soviet Mil Rev No. 6:2-5 Jun '71

Foreign Relations

The national-liberation movement at the present stage. G. Mirsky. illus Soviet Mil Rev No. 10: 49-52 Oct '71

Shifts in Soviet arms control posture. Walter C. Clemens, Jr. illus tab Mil Rev 51:28-36 Jul '71

Arab States

The bear that swims like a fish. RADM Kemp Tolley. Ret. illus US Nav Inst Proc 97:41-45 Jun '71

Asia, Southeastern

Southeast Asia: Issues and prospects. Robert A. Scalapino. Persp in Def Mgt, pp 21-31, Autumn '71

China (People's Republic)

Nuclear aspects of the Sino-Soviet confrontation. A. H. S. Candlin. illus Royal United Svc Instn J 116:45-47+ Mar '71

Power: The crucible of conflict in the Sino-Soviet dispute. Maj Harry G. Summers, Jr. illus maps Mil Rev 51:56-66 Mar '71

The Sino-Soviet dispute. Col A. C. Smith. MarCor Gaz 55:47-48 Mar '71

The Ussuri River incident as a factor in Chinese foreign policy. Col Donald M. Marks. illus AU Rev 22:53-63 Jul-Aug '71

RUSSIA - ContinuedForeign Relations - Cont'dCuba

The doorstep challenge. James D. Theberge. illus
Navy 14:17-23 Mar '71

The growing Soviet naval presence in the Caribbean:
Its politico-military impact upon the United States.
(Research paper, School of Naval Command and
Staff, 1971) LCDR Jack L. Roberts. illus maps
Nav War Col Rev 23:31-42 Jun '71

Europe

Soviet foreign policy: An appraisal. Paul E. Zinner.
Forum No. 12:17-31 Spring '71

Europe, Eastern

Soviet aims and capabilities in Europe. Malcolm
Mackintosh. illus Royal United Svc Instn J 116:
22-30 Mar '71

Whither Eastern Europe? Hugh Seton-Watson. illus
Hawk No. 31:13-18 Feb '70

Europe, Western

NATO ground forces and the Soviet threat. K. Booth.
Army Qtr 101:426-436 Jul '71

Soviet aims and capabilities in Europe. Malcolm
Mackintosh. illus Royal United Svc Instn J 116:
22-30 Mar '71

Germany (Federal Republic)

Thoughts on the German-Soviet pact. Wilhelm Meyer-
Detring. (Trans and condensed from a German
publication) illus Mil Rev 51:46-51 Apr '71

India

An important factor for peace (Soviet-Indian Treaty).
Vasily Vefremov. Soviet Mil Rev No. 12:49-50
Dec '71

The Indian Armed Forces in the 1970s. Ravi Kaul.
illus Royal United Svc Instn J 116:55-57 Mar '71

The Indo-Soviet Treaty and its implications.
WgComdr Maharaj K. Chopra, Ret. illus Mil Rev
51:22-28 Dec '71

Indian Ocean Region

The strategic outlook of the Indian Ocean. Niu Sien-
Chong. illus NATO's Fifteen Nations 16:34-39
Feb-Mar '71

Japan

Restraints on air power in limited war: Japan vs
USSR at Chankufeng, 1938. Alvin D. Coox. illus
map Aerosp Hist 17:118-126 Dec '70

Latin America

The doorstep challenge. James D. Theberge. illus
Navy 14:17-23 Mar '71

The Russo-Cuban pincers thrust in Caribbean--
Panama Canal is target. Lawrence Griswold. illus
map Sea Power 14:18-24 Dec '71

Mediterranean Region

The balance of power in the Mediterranean. John
Marriott. illus Armed Forces J 108:34-35
May 17 '71

RUSSIA - ContinuedForeign Relations - Cont'dMiddle East

Changing Soviet oil interests: Implications for the
Middle East. (Research paper, College of Naval
Command and Staff, 1971) Maj C. Powell Hutton.
illus Nav War Col Rev 24:76-93 Oct '71

De Lesseps' ditch--Russia will gain most. Joseph
Palmer. illus Navy 14:16-19 May '71

The dilemmas of Soviet policy in the Middle East.
John R. Thomas. illus Parameters 1:34-42 Fall '71

Russia in the Med(iterranean). Frank Gervasi. illus
map MarCor Gaz 55:26-30 Dec '71

Soviet foreign policy: An appraisal. Paul E. Zinner.
Forum No. 12:17-31 Spring '71

Soviet global policy and the Middle East. Uri Ra'anan.
illus Nav War Col Rev 24:19-29 Sep '71

Soviet influence in the Mediterranean. Ferdinand Otto
Miksche. (Trans and condensed from a German
publication) illus Mil Rev 51:62-65 Sep '71

The Soviet need for Middle East oil. Maj Eugene J.
DeNezza. illus tabs AU Rev 22:52-57 May-Jun '71

Understanding and agreement in the Middle East.
C. L. Wayper. Royal Air Forces Qtr 10:283-286
Winter '70

The United States, the Soviet Union, and strategic
considerations in the Middle East. (Lecture, Naval
War College, 1971?) Edward R. F. Sheehan. illus
Nav War Col Rev 23:22-30 Jun '71

NATO

The NATO warning of 1968. Istvan Szent-Miklosy.
illus Mil Rev 51:3-13 Feb '71

United Arab Republic

The dilemmas of Soviet policy in the Middle East.
John R. Thomas. illus Parameters 1:34-42 Fall '71

Watch on the Suez. William Beecher. illus tab Army
pt 1, Egypt's noisy silent partner. 21:10-13
Nov '71; pt 2, Israel weighs the options. 21:28-32
Dec '71

United States

Mutual balanced force reductions. Walter C.
Clemens, Jr. illus Mil Rev 51:3-11 Oct '71

Soviet foreign policy: An appraisal. Paul E. Zinner.
Forum No. 12:17-31 Spring '71

History

Build-up of the Soviet economy to repulse aggression
in 1939-41. MajGen Y. Nikitin. Soviet Mil Rev
No. 3:40-42 Mar '71

Lenin's decree. Col Y. Korablyov. illus Soviet Mil
Rev No. 2:34-36 Feb '71

Politics and Government

Brezhnev's economic choice: More weapons and con-
trol or economic modernization. John P. Hardt.
illus Parameters 1:43-53 Fall '71

The Communist objective: Domination of the entire
world society is the ultimate goal. Foy D. Kohler.
Ordnance 56:118-120 Sep-Oct '71

RUSSIA - ContinuedPolitics and Government - Cont'd

Soviet civil-military relations: Conflict and collaboration among comrades. (Research paper, College of Naval Command and Staff, 1971) LCDR Gerald C. Caron, Jr. illus Nav War Col Rev 24:65-93 Dec '71

RUSSO-JAPANESE WAR, 1904-1905

Japanese strategy in the Russo-Japanese War of 1904-5. Col Robert L. Kirwan. illus map Mil Rev 51:73-81 Feb '71

RYAN, John D.

Antiwar officers can resign now. George Foster. AF Times 32:1+ Sep 1 '71

The Chief of Staff speaks out on inspections. TIG Brief 23:2 Jul 2 '71

The commander and the chaplain. (Remarks, USAF Chaplains' Conference, Randolph AFB, Tex, Oct 12, 1971) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 12:2-7 Dec '71

Focus on people. Gen John D. Ryan. por AF Mag 54: 44-46+ May '71

The future Air Force. Gen John D. Ryan. illus Ordnance 56:202-205 Nov-Dec '71

Hero (the late Col William A. Jones III) honored in dedication (of Air War College auditorium, Maxwell AFB, Ala). AF Times 31:38 Jun 23 '71

RYAN, John D. - Continued

Mission: Environmental protection. Gen John D. Ryan. por Airman 15: inside front cover Jan '71; AF Plcy Ltr for Comdrs: Sup No. 3:32 Mar '71

The people get a (USAF Personnel) Plan. LtGen Robert J. Dixon. por AF Mag 54:48-53 Aug '71

Recruiting in the 1970s. (Address, Air Force Recruiting Conference, San Antonio, Aug 10, 1971) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 10:2-3 Oct '71

Recruiting job critical in coming years--Ryan. AF Times 32:30 Sep 8 '71

Ryan explains officer-to-EM ratio changes. AF Times 31:22 Jul 7 '71

Ryan joins Dyess (AFB, Tex) celebration. AF Times 31:4 Jun 2 '71

Ryan supports Catton on riots. AF Times 31:20 Jun 23 '71

Ryan: Three approaches to the essential qualitative edge. Gen John D. Ryan. por Armed Forces J 108:31-33+ Jan 4 '71

USAF's role in realistic deterrence. (Address, AFA Convention, Washington, Sep 19-23, 1971) Gen John D. Ryan. por AF Mag 54:66-69 Nov '71

USSR and U. S. military power. (Remarks, Fort Worth Chapter, Air Force Assoc, Fort Worth, Tex, Jan 26, 1971) Gen John D. Ryan. AF Plcy Ltr for Comdrs: Sup No. 3:2-7 Mar '71

SABMIS (Strategic Antiballistic Missile Intercept System) see Missile Defense

SAC see Strategic Air Command

SACEUR see Allied Command Europe

SACLANT see Allied Command Atlantic

SAES (Special Assistant for Environmental Services) see Environmental Services

SALT see Arms Control

SAR see Search and Rescue

SESP see Space Experiments Support Program

SHAPE see Supreme Headquarters Allied Powers in Europe

SOF see Special Operations Force

SOLE see Society of Logistics Engineers

STOL see Airplanes, V/STOL

STRATCOM see Army Strategic Communications Command

SAFEGUARD ABM SYSTEM

The ABM and the arms race. Colin S. Gray. illus map
Aerosp Hist 18:26-32 Mar '71

Model test for Safeguard (Event Dual Pack). T. E.
Kennedy and M. M. Dembo. illus Mil Engr 63:389-
391 Nov-Dec '71

Safeguard--1971. BrigGen Bates C. Burnell. illus tab
Mil Engr 63:386-388 Nov-Dec '71

Safeguard, sufficiency, and SALT. Mark B. Schneider.
illus Mil Rev 51:24-33 May '71

SAFETY MEASURES see Flying Safety; Ground Safety
also subdivision Safety Measures under specific
subjects, e.g.,

Aircraft Carriers--Safety Measures

Airplanes--Safety Measures

Airplanes, Military--Safety Measures

Chemical-Biological Warfare--Safety Measures

Helicopters, Military--Safety Measures

Missiles--Safety Measures

Nuclear Weapons--Safety Measures

Radiation--Safety Measures

Radioactivity--Safety Measures

Space Vehicles--Safety Measures

SAFETY PROGRAMS

Supervisor's special trust. LtCol Richard F. Taylor.
illus USA Avn Dig 17:52-55 Apr '71

Transportation safety. Interview. LtGen Benjamin O.
Davis, Jr, Ret. illus Def Trans J 27:18-22 Nov-
Dec '71

Air Force

Air Force intensifies summer safety campaign (in
Summer Attack and Critical Six). Contact 25:
inside back cover May-Jun '71

Do you have a maintenance flight safety program?
TIG Brief 23:2 Aug 6 '71

Don't apologize for safety. LtCol Oliver A. Lazare.
illus Combat Crew 22:16-19 Oct '71

Don't miss this. (Preventing midair collisions) illus
Aerosp Safety 27:10-11 Dec '71

Ground safety programs--only the best are accept-
able. TIG Brief 23:18 Apr 9 '71

SAFETY PROGRAMS - Continued

Air Force - Cont'd

Immediate action by commanders required to arrest
USAF aero club accident trend. TIG Brief 23:1
Jun 4 '71

SSE: System Safety Engineering--modern approach
to accident prevention. Col David M. Critchlow.
illus Aerosp Safety 27:16-17 Jan '71

Success story. Maj John T. Taylor. illus Aerosp
Safety 27:2-4 Apr '71

TAC, AFCS win Air (Force) safety prizes. AF Times
31:4 May 26 '71

31,000 accidents reported. AF Times 31:28 Feb 24 '71

Traffic safety education. TIG Brief 23:16 Jan 15 '71

2 programs (Summer Attack and Critical Six) to re-
place '101 Days.' AF Times 31:35 Mar 31 '71

USAF nuclear safety program. TIG Brief 23:5
Sep 24 '71

Working our way down. Anchar F. Zeller. illus
Aerosp Safety 27:12-14 Mar '71

Army

Smells like an aviation accident prevention program
to me. Maj Roy P. Hooks. illus USA Avn Dig 17:
36-38 Nov '71

Super-vision (needed to see and correct aviation
unit deficiencies). CW3 Junius A. Jordan. illus
USA Avn Dig 17:40-43 Dec '71

What you can do for aviation accident prevention.
illus USA Avn Dig 17:36-47 Aug '71

SAGE

Information systems--a contributor to modern man.
(Address, AFCEA, Washington, June 8, 1970)
BrigGen Lee M. Paschall for MajGen Joseph J.
Cody, Jr) Signal 25:46-47 Aug '71

Military communications--harbinger of the future.
MajGen Gordon T. Gould, Jr. Signal 25:32-34
Jan '71

Sea watch established. AF Times 32:3 Sep 8 '71

SAILING

'No place to hide' in Eagle's rigging. Robert J.
Boylan. illus Navy 14:18-23 Jul-Aug '71

SALARIES see Income

also subdivision Salaries and Wages under
specific subjects, e.g.,
Civilian Employees--U.S. --Salaries and Wages

SALVAGE

Back from the bottom. (Recovery of F6F-3 Hellcat
from ocean floor) LCDR Malcolm C. Bartels.
illus US Nav Inst Proc 97:101-104 Nov '71

SANBORN, Kenneth O.

U.S. Air Forces Southern Command. por AF Mag
54:110-111 May '71

SATELLITES

Kepler's laws & the Mars orbiters. John R. Millburn.
illus tab Spaceflight 13:422-426 Nov '71

SATELLITES, ARTIFICIALSee also

Space Stations

also specific satellites under project name, e. g.,

Space Project--Explorer

Space Project--Pioneer

The British national space programme. (Address, 10th European Space Symposium, Paris, June 8-10, 1970) N. Simmons. illus (Also cutaways) Spaceflight 13:6-11 Jan '71

Small satellites. Robert Elkins. illus tabs Signal 25:16-18 Jan '71

Astronomical ApplicationsSee also

Space Observatories

Characteristics

INTELSAT 4. illus (Also cutaways) Space World H-4-88:4-9 Apr '71

Communication ApplicationsSee also

Tactical Satellite Communications

also specific satellites under project name, e. g.,

Space Project--Early Bird

Air Force Communications Service completes its first decade. illus Signal 25:5-9 Jul '71

(Air Force System 621B) Signal 25:57 Feb '71

The British national space programme. (Address, 10th European Space Symposium, Paris, June 8-10, 1970) N. Simmons. illus (Also cutaways) Spaceflight 13:6-11 Jan '71

Canada's domestic satellite. illus Spaceflight 13:127 Apr '71

Canada's satellite Anik 1. illus NATO's Fifteen Nations 16:89 Feb-Mar '71

Communications via outer space--radio and TV relay artificial satellites. LtCol M. Rebrov. illus Soviet Mil Rev No. 8:40-41 Aug '71

Computers and communications in the information age. MajGen Gordon T. Gould, Jr. illus Signal 25:6-14 Feb '71

The Dioscures project from the economic viewpoint. illus map tab Interavia 26:140-141 Feb '71

ESRO (European Space Research Organization)'s interest in communications satellites. Interavia 26:1170 Oct '71

Expanding utilization of satellites. (Address, AFCEA, Washington, June 9, 1971) Edgar A. Grabhorn. Signal 25:64-69 Aug '71

The global satellite communications system. illus map tabs Interavia 26:1165-1168 Oct '71

Harvest from space. Henry Simmons. illus Spaceflight 13:442-445 Dec '71

INTELSAT 4. illus (Also cutaways) Space World H-4-88:4-9 Apr '71

INTELSAT 4--newest series of commercial communications satellites. illus map Signal 25:43-45 Apr '71

The impact of technological advances on regulatory problems. Dean Burch. Signal 25:24-26 Feb '71

India's domestic communications satellite. Hormuz P. Mama. illus Spaceflight 13:446-448 Dec '71

SATELLITES, ARTIFICIAL - ContinuedCommunication Applications - Cont'd

The introduction of digital transmission into the DCS. Aubrey A. Childers. illus Signal 25:42-44 Mar '71

Largest commercial satellite (INTELSAT 4). illus (Also cutaway) Spaceflight 13:122-123 Apr '71

Military satellite communications. Col Robert M. Lowry, Jr. illus Signal 25:18-19 Jul '71

Millimeter wave experiment. Spaceflight 13:132-133 Apr '71

NASA's manned space flight network. illus Space World H-4-88:31-33 Apr '71

NEO (Near Earth Orbit) space--the case for the space program. Space World H-12-96:27-30 Dec '71

The next 25 years (in the communications-electronics field). Dause L. Bibby and others. illus Signal 25:44-47+ Jun '71

OTP (Office of Telecommunications Policy) announces policy on overseas air traffic control. Signal 25:63 Mar '71

("Project Diana"--first man-made signals bounced off moon) Signal 25:66+ Mar '71

Proposed new INTELSAT agreement. illus Interavia 26:779 Jul '71

Prospects of INTELSAT 4. Spaceflight 13:15 Jan '71

RCA Alascom takes over the ACS (Alaska Communication System). illus Signal 25:24-26 May '71

Royal Navy's ComSat system. John Marriott. illus NATO's Fifteen Nations 16:90-91 Oct-Nov '71

(Satellites serving the multi-language communications requirements of NATO) illus Signal 25:72-73 Apr '71

Second communications satellite for NATO. illus NATO's Fifteen Nations 16:92-93 Jun-Jul '71

Space age nation building. Col Robert E. Button, Ret. map illus Signal 25:28-31 Feb '71

Telecom 71--message for the 21st century. (World's first telecommunication exhibition, Geneva, June 17-27, 1971) illus Interavia 26:930-932 Aug '71

Telecommunication satellites launched to date. tabs Interavia 26:1169-1170 Oct '71

Time and frequency standardization. (Address, AFCEA, Washington, June 8, 1971) RADM Raymond J. Schneider. illus maps Signal 25:42-45 Aug '71

Trends and future of telecommunications. Henri Busignies. Signal pt 1, 26:16-19 Nov '71; pt 2, 26:18-21 Dec '71

History

(Pioneer Early Bird satellite) Signal 25:169 Jun '71

Design

(Air Force Avionics) Lab orbits 4 satellites--inflatable spheres. AF Times 32:30 Sep 15 '71

Launching

Italy to launch U. S. satellites. Spaceflight 13:12-13 Jan '71

Small satellites. Robert Elkins. illus tabs Signal 25:16-18 Jan '71

SATELLITES, ARTIFICIAL - Continued

Launching - Cont'dChronology

Objects in heliocentric orbit. Tables only. Spaceflight pt 1, 12:92-95 Feb '70; pt 2, 13:298-299 Aug '71

Satellite digest; a listing of all known objects on a month-by-month basis. Table only. Spaceflight 13:15 Jan '71; 13:56-57 Feb '71; 13:94-96 Mar '71; 13:138 Apr '71; 13:172-174 May '71; 13:213-215 Jun '71; 13:257-258 Jul '71; 13:287-289 Aug '71; 13:355-356 Sep '71; 13:386-388 Oct '71; 13:428-431 Nov '71; 13:456-457+ Dec '71

Satellite report; objects orbited since June 25, 1970. Table only. Space World H-1-85:45 Jan '71

Satellite report; objects orbited since Aug 22, 1970. Table only. Space World H-3-87:45 Mar '71

Satellite report; objects orbited since Sep 29, 1970. Table only. Space World H-4-88:47 Apr '71

Satellite report; objects orbited since Nov 27, 1970. Table only. Space World H-5-89:40 May '71

Satellite report; objects orbited since Dec 15, 1970. Table only. Space World H-6-90:47 Jun '71

Satellite report; objects orbited since Jan 12, 1971. Table only. Space World H-7-91:46 Jul '71

Satellite report; objects orbited since March 3, 1971. Table only. Space World H-8-92:42 Aug '71

Satellite report; objects orbited since April 15, 1971. Table only. Space World H-9-93:41 Sep '71

Satellite report; objects orbited since April 22, 1971. Table only. Space World H-10-94:39 Oct '71

Satellite report; objects orbited since May 18, 1971. Table only. Space World H-11-95:38 Nov '71

Telecommunication satellites launched to date. tabs Interavia 26:1169-1170 Oct '71

Meteorological ApplicationsSee also

Space Project--Nimbus

'Cannon, Musket' (scientific satellites) to probe density. AF Times 31:38 Jun 30 '71

(First weather satellite for the newly formed National Oceanic and Atmospheric Administration) Signal 25:95 Jan '71

Proposed space-weather experiment. illus Space World H-1-85:42-43 Jan '71

Soviet meteorological satellites and research. illus tab (Also cutaway) Interavia 26:75-77 Jan '71

Space meteorology. Space World H-7-91:33-35 Jul '71

Navigation Applications

Air traffic control--crisis in the United States. J. Philip Geddes. tab Interavia 26:1182-1183 Oct '71

The Dioscures project from the economic viewpoint. illus map tab Interavia 26:140-141 Feb '71

(First completely portable navigation satellite locator system) illus Signal 25:72 Apr '71

OTP (Office of Telecommunications Policy) announces policy on overseas air traffic control. Signal 25:63 Mar '71

SATELLITES, ARTIFICIAL - Continued

Oceanographic Applications

Oceanography without ships: Sea study from outer space. illus Navy 14:24-25 Jan '71

Scientific UsesSee also

Satellites, Artificial--Meteorological Applications

Satellites, Artificial--Oceanographic Applications

also specific satellites under project name,

e. g.,

Space Project--Explorer

Applications satellites. (British Interplanetary Society Symposium, Southampton University, England, April 14-15, 1971) John Millburn. Spaceflight 13:305-308 Aug '71

Biosatellite 3 results; program conducted by the Space Biology Laboratory, Brain Research Institute, University of California, Los Angeles, supported by the National Aeronautics and Space Administration. W. R. Adey and others. illus Aerosp Med 42:271-313 Mar '71

(Eighth spacecraft in Interplanetary Monitoring Platform (IMP) program) Signal 25:68 May '71

400 Cosmos satellites. Alexander Bessonov. illus Space World H-8-92:24-25 Aug '71

NEO (Near Earth Orbit) space--the case for the space program. Space World H-12-96:27-30 Dec '71

Satellites: Environmental sentries. (Reprinted from Aerospace, Sep 1970) illus Space World H-3-87:16-19 Mar '71

Space--double indemnity for our future. (Address, Beverly Hills Rotary Club, Los Angeles, May 10, 1971) Prepared for LtGen S. C. Phillips; delivered by BrigGen R. A. Duffy. AF Plcy Ltr for Comdrs: Sup No. 7:2-8 Jul '71

Space station research. illus (Also cutaways) Space World H-1-85:4-12 Jan '71

Time and frequency standardization. (Address, AFCEA, Washington, June 8, 1971) RADM Raymond J. Schneider. illus maps Signal 25:42-45 Aug '71

UK-5 experiments. Spaceflight 13:128-129 Apr '71

Tracking

Cameras for Spacetrack. Maj Ralph B. Holtmann. illus tabs Mil Engr 63:44-45 Jan-Feb '71

How satellites are tracked and data acquired. illus Space World H-8-92:10-13 Aug '71

The Mars tracking station (Goldstone 210). (Reprinted from Flying A, April 1971) illus Space World H-8-92:21-23 Aug '71

NASA's manned space flight network. illus Space World H-4-88:31-33 Apr '71

'Sky eye' watches satellites--Edwards (AFB, Calif) crew films at night. Sgt John Scott. illus AF Times 31:30 Feb 3 '71

Canada

Canada's domestic satellite. illus Spaceflight 13:127 Apr '71

Canada's satellite Anik 1. illus NATO's Fifteen Nations 16:89 Feb-Mar '71

SATELLITES, ARTIFICIAL - ContinuedChina (People's Republic)

Red China's first Earth satellite. Niu Sien-Chong.
NATO's Fifteen Nations 16:78+ Jun-Jul '71

Great Britain

Royal Navy's ComSat system. John Marriott. illus
NATO's Fifteen Nations 16:90-91 Oct-Nov '71

UK-5 experiments. Spaceflight 13:128-129 Apr '71

India

India's domestic communications satellite. Hormuz
P.Mama. illus Spaceflight 13:446-448 Dec '71

Russia

400 Cosmos satellites. Alexander Bessonov. illus
Space World H-8-92:24-25 Aug '71

1970: A Soviet space year. K.L. Plummer. illus tab
Spaceflight 13:175-179 May '71

Soviet cosmonauts and satellites. Pictorial. Space
World H-6-90:21-32 Jun '71

Soviet space flights in 1970. A. Dmitriev. Space
World H-6-90:34-35 Jun '71

Venus: What we know about this planet. Mikhail
Marov. Space World H-6-90:33-34 Jun '71

United States

The 1971 Mariner Mars spacecraft. A.A.J. Hooke.
illus Spaceflight 13:408-421 Nov '71

The potential of earth applications of satellites.
(Address, AFCEA, Washington, June 8, 1971)
Leonard Jaffe. Signal 25:48-49 Aug '71

SAUDI ARABIA

Tour of a different color (Saudi Arabia). Capt George
D. Burdette. illus USA Avn Dig 17:4-7+ Oct '71

Economic Conditions

Social revolution in Saudi Arabia. Hermann Fr. Eilts.
illus map Parameters pt 1, 1:4-18 Spring '71; pt 2,
1:22-33 Fall '71

Social Conditions

Social revolution in Saudi Arabia. Hermann Fr. Eilts.
illus map Parameters pt 1, 1:4-18 Spring '71; pt 2,
1:22-33 Fall '71

SAVINGS

Saving bonds are a year 'round program. TIG Brief
23:15-16 Oct 22 '71

SCHEIDERER, Edward D.

New comptrollers (BrigGen Charles S. Robertson,
RADMs Edward D. Scheiderer and William M.
Harnish, and LtGen John M. Wright, Jr). por
Armed Forces Compt 15:16-17 Fall '70

SCHNEIDER, Raymond J.

Time and frequency standardization. (Address,
AFCEA, Washington, June 8, 1971) RADM
Raymond J. Schneider. illus maps Signal 25:42-
45 Aug '71

SCHOLARSHIPS AND FELLOWSHIPS

AF to end grants (national merit scholarships) for
kin. George Foster. AF Times 31:1+ Jun 23 '71

SCHOLARSHIPS AND FELLOWSHIPS - Continued

Army awards graduate study fellowships to 40 ROTC
cadets planning regular careers. Officer 47:28
Mar '71

DOD urges more cash for ROTC. AF Times 31:4
Jun 30 '71

Fellowships awarded to 15 Army ROTC cadets.
Officer 47:31 May '71

Medical school nears House OK. AF Times 32:16
Oct 13 '71

1000 win AFROTC grants--30 co-eds listed. AF
Times 31:51 Jun 9 '71

Pay doubled for ROTC, scholarships increased. AF
Times 32:1+ Dec 1 '71

Price freeze perils ROTC funds boost. AF Times 32:2
Sep 15 '71

ROTC funds meet snag--House balks. AF Times
31:3 Jul 14 '71

ROTC grants and 'lib.' George Foster. AF Times
31:13 Mar 17 '71

ROTC proposals backed by DOD. AF Times 31:16
Mar 17 '71

ROTC raises advance--subcommittee okays funds.
AF Times 31:22 Jul 28 '71

Raise in ROTC pay nears final okay. AF Times 32:4
Nov 24 '71

School grants end: Loan programs set. AF Times
31:4 May 5 '71

700 freshmen due AFROTC grants. AF Times 31:6
Jun 23 '71

35 win merit grants: Future programs cloudy. George
Foster. AF Times 31:8 Apr 28 '71

An up-to-date system for procuring officers. Capt
T.R. O'Neill. Army 21:52-53 Jun '71

Williams (AFB, Ariz) weekend aids POW' children.
AF Times 31:38 May 5 '71

SCHULKE, Herbert A., Jr

The DCS (Defense Communications System) today
and how it operates. (Address, Ft Monmouth
(NJ) Chapter, AFCEA, 1971?) BrigGen Herbert
A. Schulke, Jr. Signal 25:22-24 Jul '71

SCHUYLER, William E., Jr

Patent Office's William Schuyler, Jr: "We should be
decisive." por Govt Exec 3:25 Jan '71

SCIENCE AND SOCIETY

Science and technology: 'A positive outlook.' (Con-
densed from speech, Aviation/Space Writers
Assoc, Washington, May 27, 1971) Wernher von
Braun. (Reprinted from Aerospace, July 1971)
Space World H-11-95:24-25 Nov '71

SCIENTIFIC RESEARCH

AOC (Assoc of Old Crows): A key to technological
progress. (Paper, DOD/AOC National EW Sym-
posium, Washington, Oct 11-14, 1970) A.R.
Matthews. illus map tabs Elect Warfare 3:4-5+
Summer '71

Military Applications

GAO faults going afield in scientific research. AF
Times 31:6 Feb 17 '71

SCIENTIFIC RESEARCH - ContinuedRussia

The development of Soviet military power in the past 20 years. illus map NATO's Fifteen Nations 16: 36-42 Apr-May '71

United States

Cinematography: Its use in science and technology. Theodore H. Truesdell. Signal 25:35-38 Jan '71

Doubts about technology: Are they valid? illus Space World H-8-92:14-16 Aug '71

Government-industry technological cooperation. (Address, AFCEA, Washington, June 8, 1971) David R. Hull. Signal 25:49-50 Aug '71

R&D: Key to our nation's strength. (Remarks, Instrument Society of America, Philadelphia, Oct 26-29, 1970) David Packard. Signal 25:6-8 Mar '71

SCIENTISTS, AMERICAN

Science under siege. Willard F. Rockwell, Jr. Ordnance 56:60-61 Jul-Aug '71

(U.S. faces "scientific starvation" as thousands of scientists and engineers are without jobs) Signal 25:166 Jun '71

SCIENTISTS, CHINESE

Red China's first Earth satellite. Niu Sien-Chong. NATO's Fifteen Nations 16:78+ Jun-Jul '71

SCOTT, Thomas H., Jr

Defense management challenges of tomorrow. MajGen Thomas H. Scott, Jr. Def Mgt J 6:11-15 Feb '71

SCOTT, Winfield S., III

Defense System Management School--educating a new breed of program manager. BrigGen Winfield S. Scott III. por Def Ind Bul 7:13-14 Fall '71

SEA-BASED MISSILE DEFENSE SYSTEM see Missile DefenseSEA POWER

New world for which to war. LtCol Paul J. Hoffmann. illus Mil Rev 51:67-76 Nov '71

Seapower--the lower spectrum. CDR Charles W. Koburger, Jr. illus Mil Rev 51:62-68 Jun '71

Ships at sea: Maritime facts of life. W. R. Nichols, Jr. illus tab US Nav Inst Proc 97:34-41 Apr '71

The use of seapower in countering the strategy of interposition. (Research paper, College of Naval Command and Staff, 1971) LCDR William M. Pitt. illus Nav War Col Rev 24:47-69 Sep '71

History

European naval expansion and Mahan, 1889-1906. Capt Ronald B. St John. illus tabs Nav War Col Rev 23:74-83 Mar '71

China (People's Republic)

Communist China--growing seapower? CDR R. Waring Herrick, Ret. illus US Nav Inst Proc 97:106-107 Sep '71

Europe

Gibraltar: Monument to seapower. Jac Weller. illus US Nav Inst Proc 97:27-33 Oct '71

Europe, Western

The defense of Northwest Europe and the North Sea. MajGen J. L. Moulton, Ret. illus maps tabs US Nav Inst Proc 97:80-97 May '71

SEA POWER - ContinuedGreat Britain

Great Britain's Navy: The not quite setting sun. Comdr Joseph Palmer, Ret. illus Navy 14:17-21 Apr '71

Joint maritime operations and training in the 1970s. VAdm Ian McGeoch. illus Royal United Svc Inst J 115:11-18 Dec '70

Japan

Japan and her maritime defense. Comdr Hideo Sekino, Ret. illus maps tabs US Nav Inst Proc 97:98-121 May '71

Japan's Maritime Self-Defense Force: An appropriate maritime strategy? LCDR James E. Auer. illus map tab Nav War Col Rev 24:3-20 Dec '71

The resurgence of Japanese sea power. Niu Sien-Chong. illus tab NATO's Fifteen Nations 16:70-75+ Oct-Nov '71

NATO

The defense of Northwest Europe and the North Sea. MajGen J. L. Moulton, Ret. illus maps tabs US Nav Inst Proc 97:80-97 May '71

From Simonstown to Singapore. Lawrence Griswold. map US Nav Inst Proc 97:52-57 Nov '71

Inexpensive NATO frigates. John Marriott. illus NATO's Fifteen Nations 16:64-69 Oct-Nov '71

Russia

Are we courting disaster? Cutback in U.S. fleet continues as Soviet Navy builds and builds. A. J. Cottrell and A. A. Hoehling. illus Navy 14:9-14 Jan '71

Building of Indian Ocean base is well underway by U. S. Navy. L. Edgar Prina. US Nav Inst Proc 97:109-111 Nov '71

Can we reinforce the Sixth Fleet? Editorial. Navy 14:6 Jun '71

The case for the carrier. CAPT Wynn V. Whidden. illus tab US Nav Inst Proc 97:24-33 Jul '71

The challenge in the South (of Europe). ADM Horacio Rivero. illus NATO's Fifteen Nations 16:60-64+ Apr-May '71

The defense of Northwest Europe and the North Sea. MajGen J. L. Moulton, Ret. illus maps tabs US Nav Inst Proc 97:80-97 May '71

The development of Soviet military power in the past 20 years. illus map NATO's Fifteen Nations 16: 36-42 Apr-May '71

Extracts of the CNO's report (to the Senate Armed Services Committee, Washington, 1971). ADM Elmo R. Zumwalt, Jr. illus Navy 14:13-15+ May '71

From Simonstown to Singapore. Lawrence Griswold. map US Nav Inst Proc 97:52-57 Nov '71

The growing Soviet naval presence in the Caribbean: Its politico-military impact upon the United States. (Research paper, School of Naval Command and Staff, 1971) LCDR Jack L. Roberts. illus maps Nav War Col Rev 23:31-42 Jun '71

The increasing role of sea power. L. Edgar Prina. illus Navy 14:30-32 Jun '71

Indian Ocean of tomorrow. Alvin J. Cottrell. illus maps Navy 14:10-16 Mar '71

SEA POWER - ContinuedRussia - Cont'd

- The influence of modern sea power, 1945-1970. RADM John D. Hayes, Ret. illus map US Nav Inst Proc 97:274-284 May '71
- Letter from London: Who now rules the waves? illus map NATO's Fifteen Nations 16:12-15+ Oct-Nov '71
- Most powerful per pound (Soviet Union's fleet). L. Edgar Prina. illus Navy 14:30-32 May '71
- The rise of the Soviet Navy. H. R. Kaplan. illus Review 50:14-16+ Jan-Feb '71
- Russian maritime requirements. Michael McGwire. illus NATO's Fifteen Nations 16:22-27 Oct-Nov '71
- A second class Navy? Editorial. Navy 14:7 May '71
- Soviet influence in the Mediterranean. Ferdinand Otto Miksche. (Trans and condensed from a German publication) illus Mil Rev 51:62-65 Sep '71
- Soviet maritime policies. Irwin M. Heine. illus tab Nav War Col Rev 24:1-12 Oct '71
- Soviet naval activities, 1970. Robert W. Daly. illus tabs US Nav Inst Proc 97:285-292 May '71
- The Soviet submarine threat--past, present, and future. LT Thomas T. Holme, Jr. illus US Nav Inst Proc 97:60-62 Aug '71
- The Soviet threat. (From address, House of Representatives, Sep 28, 1970) L. Mendel Rivers. Intl Def Rev 4:39-40 Feb '71
- State of the Navy--a hard look and a somber tone. George W. Ashworth. illus Navy 14:8-13 May '71
- A United States Navy for the future: Prize Essay, 1971. CAPT Robert H. Smith. illus US Nav Inst Proc 97:18-25 Mar '71
- Zumwalt: Future needs at the expense of present capability. ADM Elmo R. Zumwalt, Jr. illus Armed Forces J 108:28-30+ Jan 4 '71

History

- Soviet Naval Infantry: A new capability. (Research paper, School of Naval Warfare, 1971?) LtCol Donald K. Cliff. illus tab Nav War Col Rev 23: 90-101 Jun '71

United States

- Air capable ships and through deck cruisers: Sea-air power on the cheap. Brooke Nihart. illus Armed Forces J 108:30-33 Apr 19 '71
- Are we courting disaster? Cutback in U.S. fleet continues as Soviet Navy builds and builds. A.J. Cottrell and A.A. Hoehling. illus Navy 14:9-14 Jan '71
- At sea--where we belong. Maj Robert C. McFarlane. illus US Nav Inst Proc 97:36-42 Nov '71
- CNO pushes sea control ships. Armed Forces J 108: 17-18 Jun 21 '71
- Can we reinforce the Sixth Fleet? Editorial. Navy 14:6 Jun '71
- The case for the carrier. CAPT Wynn V. Whidden. illus tab US Nav Inst Proc 97:24-33 Jul '71
- Entering a desperate era of seapower. Brooke Nihart. Armed Forces J 108:22-23 Mar 15 '71
- Extracts of the CNO's report (to the Senate Armed Services Committee, Washington, 1971). ADM Elmo R. Zumwalt, Jr. illus Navy 14:13-15+ May '71

SEA POWER - ContinuedUnited States - Cont'd

- The influence of modern sea power, 1945-1970. RADM John D. Hayes, Ret. illus map US Nav Inst Proc 97:274-284 May '71
- Nixon doctrine and the blue water strategy. Editorial. Navy pt 1, 14:8 Jan '71; pt 2, 14:6 Feb '71
- The only option? (Blue water) (Prize Essay, 1971, 2d Honorable Mention) George E. Lowe. illus US Nav Inst Proc 97:18-26 Apr '71
- A second class Navy? Editorial. Navy 14:7 May '71
- State of the Navy--a hard look and a somber tone. George W. Ashworth. illus Navy 14:8-13 May '71
- A United States Navy for the future: Prize Essay, 1971. CAPT Robert H. Smith. illus US Nav Inst Proc 97:18-25 Mar '71
- Zumwalt: Future needs at the expense of present capability. ADM Elmo R. Zumwalt, Jr. illus Armed Forces J 108:28-30+ Jan 4 '71

SEA WARFARE see Naval Warfare

SEABASE CONCEPT see Mobile Seabase Concept

SEABEES

- Civic action in Micronesia. LCDR William M. Bass, Jr. illus map Mil Engr 63:98-99 Mar-Apr '71
- Overdue project for Seabee memorial at Arlington Cemetery. Officer 47:28 Jun '71
- Seabees ashore: Self-help program. CAPT Jack E. Washburn and LCDR S. A. Martinelli. illus tab Mil Engr 63:266-267 Jul-Aug '71

SEALIFT

- Credibility gap opens as foci unite against sealift merger. James D. Hessman. Armed Forces J 109:12+ Nov '71
- Haul your freight. Ted Davis. illus Army Dig 26: 38-40 Apr '71
- Lennon panel considers requirements for sealift, airlift. James D. Hessman. Armed Forces J 109:34-35 Oct '71
- Military sealift. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) RADM William S. Guest. illus Mil Engr 63:380-383 Nov-Dec '71
- New interagency study (SPANS--Sealift Procurement And National Security) focuses on maritime problems. James D. Hessman. illus Armed Forces J 108:26-28 Jul 19 '71
- New shipbuilding programs fail to halt precipitous decline in sealift capabilities. James Hessman. tab illus Armed Forces J 108:25-27+ Apr 5 '71
- The sick whale and the avaricious minnow--Army bid for MSC reveals U.S. sealift weakness. James Hessman. illus Sea Power 14:7-13 Nov '71
- Study forecasts sealift crisis; hits MSC procurement system. Armed Forces J 108:16-17 Jun 7 '71
- Will the minnow swallow the whale? (Defense Dept plan to transfer ocean transportation management and procurement from MSC to Military Traffic Management and Terminal Service(MTMTS)) L. Edgar Prina. illus Sea Power 14:37-39 Oct '71

SEALIFT - ContinuedStatistics

Airlift/sealift programs down 20%, but: Airlift capability up, more C-130Es/C-9As, some modern ships in prospect. Brooke Nihart. Armed Forces J 108:33 Feb 15 '71

SEAMANS, Robert C., Jr.

AF responsive, Seamans says. tab AF Times 31:2 May 19 '71

Air Force (fly-before-you-buy) policy letter. Robert C. Seamans, Jr. Elect Warfare 3:10 Convention Issue '71

Challenges for Air Force people. (Remarks, 23d National Conclave, Arnold Air Society, Hollywood, Fla, April 15, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:20-24 Jul '71

Improving things for people. (Address, AFA Convention, Washington, Sep 21, 1971) Robert C. Seamans, Jr. por AF Mag 54:63-65 Nov '71
Adaptation. AF Plcy Ltr for Comdrs: Sup No. 11:17-22 Nov '71

Our nation's dual goals: Security and progress. (Remarks, Air Force Awards Banquet, Fort Worth, Tex, June 26, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 9:2-6 Sep '71

Public management of national security. Robert C. Seamans, Jr. por AF Mag 54:40-43 May '71

Public management of national security. (From remarks, World Affairs Council of Orange County, Los Angeles, Nov 20, 1970) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 2:2-7 Feb '71

Seamans details SEA reductions. AF Times 32:9 Dec 29 '71

Seamans tells of new family housing, hospital programs. James D. Hessman. Armed Forces J 108:34 Jul 5 '71

Space Transportation System (STS). (Address, Senate Committee on Aeronautical and Space Sciences, March 30, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 5:2-10 May '71

Technology, national security and domestic progress. (Remarks, Commonwealth Club of California Meeting, San Francisco, Feb 19, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 4:2-8 Apr '71

The U.S. Air Force: A national resource. (Address, Boston Chapter, AFA, Hanscom Field, Mass, April 23, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 6:2-7 Jun '71

SEAMANSHIP

Fighting seamen of the seventies. Joseph Palmer. NATO's Fifteen Nations 16:59+ Oct-Nov '71

From cockpit to conn. CAPT Robert F. Hunt. illus US Nav Inst Proc 97:48-55 Apr '71

'No place to hide' in Eagle's rigging. Robert J. Boylan. illus Navy 14:18-23 Jul-Aug '71

Z-grams. illus US Nav Inst Proc 97:292-298 May '71

SEAPLANES

Aquatic STOL commuter--Grumman investigates the possibility of third-level hydroports. Alan W. Hall illus Air Pict 33:22-23 Jan '71

History

Do 24 for preservation. illus Air Pict 33:411 Nov '71

SEAPLANES - ContinuedHistory - Cont'd

The itinerant Sea Bird. Edward B. Oliver. illus Am Avn Hist Soc J 16:227-230 Fall '71

Sea-ski fighter--the story of the Convair Sea-Dart. Walt Boyne. illus Air Pict 33:408-410 Nov '71

Short R. 24/31. Elfan ap Rees. illus tab Air Pict 33:176 May '71

SEARCH AND RESCUESee also

Pararescue

Vietnamese Conflict, 1957- --Search and Rescue Operations

Bailout over the mountains. illus Approach 16:26-31 Jun '71

Bender: A diversified range of global responsibilities. ADM Chester R. Bender. illus Armed Forces J 108:37-39+ Jan 4 '71

Carnival ride. illus Approach 16:18-20 Feb '71

Fast FAC. Capt Alexander H. C. Harwick. illus USAF Ftr Wpns Rev No. 1:4-7 Spring '71

Local base rescue. TIG Brief 23:14 May 7 '71

The many who care. illus Interceptor 13:8-11 Feb '71

A night to remember. illus Approach 17:14-17 Dec '71

Oil leak + overspeed = ditch. Approach 17:18-21 Oct '71

Rescue reminders. LtCols Royal A. Brown and Ervin F. Rees. (Reprinted from Combat Safety, Feb 1971) illus Interceptor 13:18-19 Jun '71

Survival pro. illus Approach 17:22-23 Sep '71

To land and rescue. (Risky job of Alaska rescue team) SP5 Tom Bailey. illus Soldiers 26:34-37 Nov '71

24 lives saved by CAP in 1971. AF Times 31:49 Mar 10 '71

U.S. Coast Guard: Sister service--brother's keeper. illus map Interceptor 13:10-14 May '71

Study and Teaching

SAR crewman training. illus Approach 16:26-33 May '71

SEASICKNESS see Motion Sickness

SEAT BELTSTesting

Automobiles--restraints tested. illus Govt Exec 3:17+ Feb '71

SECURITY, INDUSTRIAL

Physical security, emergency preparedness protect industrial facilities. John C. Adsit. illus Def Ind Bul 7:38-41 Spring '71

Study and Teaching

Security education and training: Preventive against compromise. James A. Reeder. illus Def Ind Bul 7:15-18+ Winter '71

SECURITY, MILITARY

Acquisition of information concerning persons and organizations not affiliated with DOD. TIG Brief 23:9-10 Jul 23 '71

SECURITY, MILITARY - Continued

- Air Force Security Service COMmunications SECurity (COMSEC) surveillance services. TIG Brief 23:19 Nov 5 '71
- Britain's official secrets act under fire. John Marriott. Armed Forces J 108:18 Mar 15 '71
- Classified document control. TIG Brief 23:20 Mar 26 '71
- Command post security controls. TIG Brief 23:21 Mar 12 '71
- Conservation of classified documents. TIG Brief 23:18 May 21 '71
- Control, identification, and escort of visitors in restricted areas. TIG Brief 23:9 Dec 31 '71
- Document security to tighten. AF Times 32:9 Dec 8 '71
- Dromedary container service enhances cargo security. 1stLt Charles J. Rouse. illus Translog 2:9-10 Oct '71
- The government approach to the cargo security crisis. (Adapted from addresses, Joint Conference on the Cargo Security Crisis, Washington, June 17-18, 1971) Alan Bible and others. illus Translog 2:2-5+ Jul '71
- The impact on national security caused by restrictions on defense research and development information. Col Robert B. Tanguy. tab Forum No. 12:33-53 Spring '71
- Improper documentation and accounting procedures. TIG Brief 23:19-20 Nov 5 '71
- Military investigative activities. (Statement to newsmen, Feb 18, 1970) Robert F. Froehke. AF Plcy Ltr for Comdrs: Sup No. 7:29-32 Jul '71
- Political snooping? Not by AF. George Foster. AF Times 32:13 Aug 18 '71
- Review, clearance of Department of the Air Force information. TIG Brief 23:3 Mar 12 '71
- Safeguarding small arms shipments. illus Translog 2:6-7 Mar '71
- 'Secret' clearances braked. Tony McHale. AF Times 32:3 Nov 3 '71
- Secure telecommunications. TIG Brief 23:15-16 Jul 23 '71
- Security-alarm systems. TIG Brief 23:20 Mar 26 '71
- Security of government and privately owned weapons. TIG Brief 23:16 Apr 9 '71
- The Special Security Investigation Required (SSIR) program. TIG Brief 23:19-20 Feb 26 '71
- Theft and vandalism at postal facilities. TIG Brief 23:9-10 Dec 31 '71
- 20 answers to 20 questions about transportation security. Translog 2:6-8 Sep '71
- WAPS security stressed. AF Times 31:9 May 26 '71

SECURITY, NATIONAL

- Airpower could have won in Vietnam. ADM U.S. Grant Sharp, Ret. AF Mag 54:82-83 Sep '71
- Arms control and disarmament. Michael Howard. NATO's Fifteen Nations 15:40-44 Dec '70-Jan '71
- The Army in transition. Gen W. C. Westmoreland. Ordnance 56:35-37 Jul-Aug '71

SECURITY, NATIONAL - Continued

- Beyond Vietnam. (Address, American Newspaper Publishers Assoc Luncheon, New York, April 21, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 6:12-17 Jun '71
- The bluewater strategy--Nixon and liberals in tune. Dennis W. Brezina. illus Navy 14:24-28 May '71
- Budget and national security. ADM Thomas H. Moorer. illus Review 50:26-28+ Jan-Feb '71
- Competition among nations. (Address, Notre Dame AFROTC Detachment Dining-In, South Bend, Ind, March 10, 1971) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 5:11-15 May '71
- The defense budget and our national security. (Address, Huntsville-Madison County Chamber of Commerce, Huntsville, Ala, Dec 1970) ADM T.H. Moorer. tab Signal 25:20-24 Apr '71
- Defense budget highlights. (Approach to FY 1972-1976 program and FY 1972 budget. Excerpts from Defense Posture Statement) Melvin R. Laird. illus tabs Def Ind Bul 7:1-31 Spring '71
- Defense review. LtGen Ira C. Eaker, Ret. AF Times 31:13 Jan 13 '71
- Detente and security: The options. Theo Sommer. illus NATO's Fifteen Nations 15:78-84 Dec '70-Jan '71
- Ellsberg charges challenged--expert says law misused. Court Gifford. AF Times 31:54 Jul 28 '71
- The erosion of U.S. military strength: Can there be peace without power? James L. Buckley. illus Signal 26:18-21 Oct '71
- Force-structure planning: Considerations, problems, and issues. LtCol Edward Stellini. illus AU Rev 22:2-15 May-Jun '71
- French defense policy. Michel Debre. (Condensed from Survival, Nov 1970) illus Mil Rev 51:45-55 Mar '71
- Gen Brown says: Military achievements underrated. AF Times 31:21 Apr 28 '71
- The hassle over the Pentagon Papers: Must the First Amendment always come first? Editorial. Army 21:6-8 Aug '71
- Identifying the "enemy." Editorial. Officer 47:5+ Sep '71
- The impact on national security caused by restrictions on defense research and development information. Col Robert B. Tanguy. tab Forum No. 12:33-53 Spring '71
- Laird orders 'crackdown' on Rand Corp security. Armed Forces J 108:15-17 Jul 19 '71
- Laird outlines five-year plan--bigger Reserve role eyed. AF Times 31:4 Mar 24 '71
- Man of the Year, 1962. Claude Witze. illus AF Mag 54:16-18 Sep '71
- Military blasts airing of secrets (in New York Times). Ed Gates. AF Times 31:1+ Jun 30 '71
- Military discipline & national security. Gen Hamilton H. Howze, Ret. illus Army 21:11-15 Jan '71
- The national security policymaking process. Roger Hilsman. Persp in Def Mgt, pp 19-32, May '71
- Needed--a new strategy for preservation of the Republic. RADM George H. Miller. illus Sea Power 14:5-11 Dec '71

SECURITY, NATIONAL - Continued

- New concept of security. Gen Maxwell D. Taylor. Ordnance 56:30-31 Jul-Aug '71
- A new national policy for materials. Franklin Pierce Huddle. Mil Engr 63:157-158 May-Jun '71
- One of our social sciences is missing. John J. Marsh. illus AU Rev 22:60-62 Jan-Feb '71
- Our nation's dual goals: Security and progress. (Remarks, Air Force Awards Banquet, Fort Worth, Tex, June 26, 1971) Robert C. Seamans, Jr. AF Pley Ltr for Comdrs: Sup No. 9:2-6 Sep '71
- The pen and the sword: National security and freedom of the press. James D. Hessman. Armed Forces J 108:37 Jul 5 '71
- Plane costs, complexity called risky. AF Times 32:3 Dec 22 '71
- Public management of national security. Robert C. Seamans, Jr. illus tab AF Mag 54:40-43 May '71
- Public management of national security. (From remarks, World Affairs Council of Orange County, Los Angeles, Nov 20, 1970) Robert C. Seamans, Jr. AF Pley Ltr for Comdrs: Sup No. 2:2-7 Feb '71
- 'Realistic deterrence.' Editorial. John L. Frisbee. illus AF Mag 54:4+ Apr '71
- The role of public opinion. Lloyd A. Free. Forum No. 12:55-66 Spring '71
- Secrecy rules involved (between the government and the New York Times). Bruce Callander. AF Times 31:13 Jul 7 '71
- Security violations involve all ranks. AF Times 31:54 Jul 28 '71
- Soviets talk, rearm. LtGen Ira C. Eaker, Ret. AF Times 32:13 Dec 8 '71
- Swiss national defense: The strategy of security. Gustav Daniker. (Condensed from a Swiss publication) illus Mil Rev 51:36-41 Dec '71
- Technology, national security and domestic progress. (Remarks, Commonwealth Club of California Meeting, San Francisco, Feb 19, 1971) Robert C. Seamans, Jr. AF Pley Ltr for Comdrs: Sup No. 4:2-8 Apr '71
- Those Pentagon Papers--who needs them? Editorial. John F. Loosbrock. AF Mag 54:6-9 Aug '71
- Thoughts on the German-Soviet pact. Wilhelm Meyer-Detring. (Trans and condensed from a German publication) illus Mil Rev 51:46-51 Apr '71
- Threats to U.S. and Free World security. (Excerpts from Defense Posture Statement) Melvin R. Laird. illus Def Ind Bul 7:8-11 Spring '71
- USAF's role in realistic deterrence. (Address, AFA Convention, Washington, Sep 19-23, 1971) Gen John D. Ryan. illus AF Mag 54:66-69 Nov '71

SECURITY ASSISTANCE PROGRAM

- (Security Assistance Program): A new approach to an old problem. Interview. LtGen George M. Seignious II. Armed Forces J 109:44-47 Nov '71

SECURITY CLASSIFICATION

- Britain's official secrets act under fire. John Marriott. Armed Forces J 108:18 Mar 15 '71
- Classified document control. TIG Brief 23:20 Mar 26 '71
- Conservation of classified documents. TIG Brief 23:18 May 21 '71

SECURITY CLASSIFICATION - Continued

- Document classifying hit (by Maj William G. Florence, Ret). AF Times 31:20 Jul 7 '71
- Document security to tighten. AF Times 32:9 Dec 8 '71
- Ellsberg charges challenged--expert says law misused. Court Gifford. AF Times 31:54 Jul 28 '71
- Handy summary of courier rules (for transmitting and transporting classified information). tab TIG Brief 23:14-15 Aug 6 '71
- The hassle over the Pentagon Papers: Must the First Amendment always come first? Editorial. Army 21:6-8 Aug '71
- The impact on national security caused by restrictions on defense research and development information. Col Robert B. Tanguy. tab Forum No. 12:33-53 Spring '71
- Improper documentation and accounting procedures. TIG Brief 23:19-20 Nov 5 '71
- Laird orders 'crackdown' on Rand Corp security. Armed Forces J 108:15-17 Jul 19 '71
- Military blasts airing of secrets (in New York Times). Ed Gates. AF Times 31:1+ Jun 30 '71
- Packaging of classified material. TIG Brief 23:20 Aug 27 '71
- 'Paper' control tighter. AF Times 32:2 Aug 11 '71
- The pen and the sword: National security and freedom of the press. James D. Hessman. Armed Forces J 108:37 Jul 5 '71
- Secrecy rules involved (between the government and the New York Times). Bruce Callander. AF Times 31:13 Jul 7 '71
- 'Secret' clearances braked. Tony McHale. AF Times 32:3 Nov 3 '71
- Security violations involve all ranks. AF Times 31:54 Jul 28 '71
- Those Pentagon Papers--who needs them? Editorial. John F. Loosbrock. AF Mag 54:6-9 Aug '71
- 20 answers to 20 questions about transportation security. Translog 2:6-8 Sep '71

SECURITY POLICE see Military PoliceSEGREGATION

- See also
Negroes in the Armed Forces
Race Relations

SEIGNIOUS, George M., II

- (Security Assistance Program): A new approach to an old problem. Interview. LtGen George M. Seignious II. Armed Forces J 109:44-47 Nov '71

SEISMOLOGY

- Apollo seismic experiments. J. E. Davies. illus tab Spaceflight 13:370-373 Oct '71
- Seismic safety for dams. Reginald A. Barron and Charles F. Corns. Mil Engr 63:236-238 Jul-Aug '71

SEMI-AUTOMATIC GROUND ENVIRONMENT see SageSEMICONDUCTOR DEVICES

- Credit card warehouse. LtCol O. P. Snyder, Jr. illus Army Log 3:30-34 Jan-Feb '71

SEMICONDUCTOR DEVICES - Continued

Electronic warfare technology--a State-of-the-Art report and a projection into the next decade. M. Halpern. illus Signal 25:22-25 Jan '71

Solid state display technology. John Minck. illus Elect Warfare 3:7-8+ Spring '71

SEMMES, Benedict J., Jr

Interposition & intermingling. (Opinions of VADMs B. J. Semmes and David C. Richardson at a Navy League Seminar) Stephan A. Schwartz. por Navy 14:17-21 Feb '71

SENIOR SERVICE SCHOOLS see Staff CollegesSENSORS

An action officer's viewpoint. LtCol Richard W. Greenlee. Tac Air Recon Dig 5:4-5 Jun '71

Air Force's Evans: A way to deny the enemy. illus Govt Exec 3:30 May '71

Apollo 15 landing site. Space World H-2-86:45 Feb '71

Battle for control of Ho Chi Minh trail. George Weiss and others. illus Armed Forces J 108:18-22 Feb 15 '71

A camera is a camera is a sensor. LtCol Wilbur A. Glass and MSgt James Grady. illus Signal 25:32-34 Mar '71

Cameras for Spacetrack. Maj Ralph B. Holtmann. illus tabs Mil Engr 63:44-45 Jan-Feb '71

Demon of death. LtCol Jack B. Farris, Jr. illus Infantry 61:22-25 Jul-Aug '71

Electronic warfare technology--a State-of-the-Art report and a projection into the next decade. M. Halpern. illus Signal 25:22-25 Jan '71

Hawker Siddley Dynamic's aerial survey sensor on Wallis gyro. illus NATO's Fifteen Nations 16:92 Feb-Mar '71

Hobo kit makes iron bombs into guided missiles. illus Armed Forces J 108:37 Mar 1 '71

Igloo White. John L. Frisbee. illus AF Mag 54:48-53 Jun '71

Intelligence gap. Capt Alan M. Russo. illus Infantry 61:20-22 Sep-Oct '71

NASA brain sensor. Spaceflight 13:134-135 Apr '71

On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71

One man's opinion (on tactical reconnaissance needs). LtCol Cecil J. Poss. illus Tac Air Recon Dig 5: 16-21 Feb '71

Platoon Early Warning Device (PEWD). Maj Alfred H. McDonald. illus Infantry 61:26-27 Nov-Dec '71

The reconnaissance renaissance. Capt James T. Thomes. illus Tac Air Warfare Cen Qtr Rpt 2:12-15+ Autumn '71

SEA sensor fields: More eyes and ears. George Weiss. illus Armed Forces J 108:38-39 Mar 1 '71

SMASH (Southeast Asia Multi-sensor Armament System for Hueycobra) is a new day/night fire control system. illus Signal 25:57 Feb '71

STANO (Surveillance, Target Acquisition and Night Observation): Combat eyes and ears. Maj Karl L. Chapman. illus Infantry 61:22-25 Mar-Apr '71

Senators praise sensors. AF Times 31:21 Mar 17 '71

SENSORS - Continued

UGS (Unattended Ground Sensor)--an acronym for success. Capt Elliot I. Tepper. illus Armor 80:34-36 Sep-Oct '71

Unattended ground sensors. 1stLt John S. Nichols. illus Fld Artilleryman, pp 6-12, Mar '71

SENTINEL ABM SYSTEM

See also
Safeguard ABM System

SEPARATION FROM MILITARY SERVICE see Discharges, Releases, and SeparationsSEPARATION PAY

Cash asked for separates. AF Times 32:1+ Oct 27 '71

Millions spent on terminal pay. Ed Gates. AF Times 31:1+ Aug 4 '71

RIFed military may win readjustment payments. Bruce Covill. AF Times 32:5 Dec 22 '71

Retiree overhaul eyed--pay plan includes recomp. Bob Schweitz. AF Times 32:1+ Oct 20 '71

Severance pay for EM held essential. Bruce Callander. AF Times 32:13 Dec 15 '71

SERVICE SCHOOLS see Staff CollegesSERVICE WOMEN see Women in the Armed ForcesSERVICEMEN, DISABLED

See also
Veterans, Disabled

SERVICEMEN'S CLUBS

Busted general denies corruption--Viet Exchange. club probe. AF Times 31:3 Mar 24 '71

Civilian club managers found "too expensive." AF Times 31:20 Jan 6 '71

Club funds overhaul called for. Bob Horowitz. AF Times 32:1+ Nov 10 '71

Club investigators ask few changes. AF Times 32:54 Nov 24 '71

Club procedures tighten. AF Times 31:6 Mar 24 '71

Kickback cases dropped. AF Times 31:19 Jun 9 '71

Most Viet clubs, stores called corrupt in probe. AF Times 31:6 Mar 10 '71

'Now' activities ordered at clubs. Tony McHale. AF Times 31:3 Jul 14 '71

Price cuts urged as rakeoffs end. AF Times 31:19 May 26 '71

Probe of club corruption ends--busted general stands off senators. AF Times 31:17 Mar 31 '71

Rules on slot machines given in revised manual (AFM 176-3). AF Times 32:22 Aug 25 '71

Senate probes fraud in clubs. Bob Horowitz. AF Times 31:1+ Mar 3 '71

Slots loss to up prices--overseas clubs hit hard. Tom Wuriu. AF Times 31:1+ Jun 9 '71

Updated service clubs planned. AF Times 31:15 Mar 31 '71

SHARP, Ulysses S. G., Jr

ADM Sharp comments on Viet air war (Extracts from address, "Comments on the Pentagon Papers," San Diego Council, Navy League, July 21, 1971)
ADM U.S. Grant Sharp, Ret. Sea Power 14:36-37 Sep '71

Airpower could have won in Vietnam. ADM U.S. Grant Sharp, Ret. AF Mag 54:82-83 Sep '71

SHELDON, Charles S., II

Personal profile: Dr Charles S. Sheldon II. por Spaceflight 13:290-292 Aug '71

SHEPARD, Alan B., Jr

Once a fighter pilot. por Space World H-4-88:20-23 Apr '71

2 on Apollo 14 get hike; Shepard star rumored. AF Times 31:2 Feb 24 '71

SHILLITO, Barry J.

Defense I(nstallations) & L(ogistics). Interview. Barry J. Shillito. por Govt Exec 3:49-50 Apr '71

Effective management through effective reporting. (Adapted from keynote address, Symposium on Effective Reporting Systems, Dept of Commerce, Washington, 1971?) Barry J. Shillito. Def Mgt J 7:23-26 Spring '71

How to implement our sound weapons systems acquisition policies. Barry J. Shillito. Def Mgt J 7:22-27 Fall '71

Major defense systems acquisition. Interviews. David Packard, John S. Foster, Jr and Barry J. Shillito. Ordnance 56:198-201 Nov-Dec '71

More communications for the DOD dollar. (Address. AFCEA, Washington, June 10, 1971) Barry J. Shillito. por Signal 25:24-26 Aug '71

Overmanagement--and its cure. (Address, Federal Management Improvement Conference, Sep 22, 1970) Barry Shillito. por Def Mgt J 6:3-5 Feb '71; Log Spectrum 5:17-20 Summer '71

Production and support (in Defense acquisition). Barry J. Shillito. por Def Ind Bul 7:6-8 Fall '71

SHIPBUILDING

American ship yards--can we cure a fatal illness? Joseph Volz. illus map Sea Power 14:10-15 Sep '71

America's future on the seas. Scot MacDonald. illus Govt Exec 3:29-33 Jan '71

Anatomy of shipbuilding management--Newport News. Interview. L. C. Ackerman. illus Govt Exec 3:38-39+ May '71

Bennett panel cites shipbuilding lag. tab Armed Forces J 108:14-15 Jun 21 '71

The case for the carrier. CAPT Wynn V. Whidden. illus tab US Nav Inst Proc 97:24-33 Jul '71

Customer support for overseas naval contracts. C. G. Milner. illus Intl Def Rev 4:50-51 Feb '71

The \$50 billion Navy building program--but 10-year 'wish book' lacks high level approval. George W. Ashworth. illus Sea Power 14:24-27 Oct '71

French Naval Exhibition at Le Bourget (Airport, Paris, Sep 15-19, 1970). illus (Also cutaways) Intl Def Rev 3:415-422 Dec '70

Further ship layoffs. Navy 14:28 Jan '71

SHIPBUILDING - Continued

House votes \$3 billion for shipbuilding. L. Edgar Prina. illus Sea Power 14:30-31 Dec '71

In defense of Sweden. illus tab map Intl Def Rev pt 1, 3:395-399 Dec '70; pt 2, The Swedish defense industry. 4:41-45 Feb '71

Mumma heads commission on American shipbuilding. Armed Forces J 108:9-10 Feb 1 '71

Navy, Litton look ahead to long-term partnership, but all is not roses down among the magnolia blossoms. James D. Hessman. illus Armed Forces J 108:32-34 Mar 15 '71

Navy reveals shipbuilding program. Armed Forces J 109:16+ Oct '71

New shipbuilding programs fail to halt precipitous decline in sealift capabilities. James Hessman. tab illus Armed Forces J 108:25-27+ Apr 5 '71

The nuclear submarine race: Neck-and-neck today, U.S. in second place by 1976? Norman C. Polmar. illus tab Armed Forces J 108:34-36+ Jan 18 '71

Problems and prospects of the United States shipbuilding industry. (Lecture, Naval War College, 1971?) Ellis B. Gardner, Jr. illus Nav War Col Rev 24:13-20 Oct '71

The resurgence of Japanese sea power. Niu Sien-Chong. illus tab NATO's Fifteen Nations 16:70-75+ Oct-Nov '71

Sealift Command asks new tanker proposals. Armed Forces J 108:16+ Feb 15 '71

State Department plugs U.S. shipbuilding. Armed Forces J 108:18-19 May 17 '71

Statistics

Merchant shipping data. Tables only. US Nav Inst Proc 97:352-353 May '71

SHIPPING

"Can I take my horse?" LtCol John P. Cover. illus Translog 2:9-10+ Apr '71

Containerization--where we are and what's ahead. Maitland S. Pennington. illus Def Trans J 27:30-32 May-Jun '71

Controlled atmospheres--a sophisticated way of shipping perishables. James R. Lugg. illus tabs Def Trans J 27:50-52 Jul-Aug '71

The defence of merchant shipping. L. W. Martin. illus NATO's Fifteen Nations 16:28-33 Oct-Nov '71

The peaceful Pacific explosion. S. Charles Knight. illus tab Def Trans J 27:44-47 Mar-Apr '71

Reopening the Suez Canal. LtCol Haig Donabedian. MarCor Gaz 55:11-12 Jun '71

Statistics

Merchant shipping data. Tables only. US Nav Inst Proc 97:352-353 May '71

Germany (Federal Republic)

Modern independent management in rail container traffic--a European solution. Wolfman Bollhorn. illus Def Trans J 27:50-53 May-Jun '71

Pacific Region

Transportation aids activity boom in Pacific Basin. Henry S. Marcus. illus Def Trans J 27:34-37 Sep-Oct '71

SHIPPING - ContinuedRussia

Soviet maritime policies. Irwin M. Heine. illus tab
Nav War Col Rev 24:1-12 Oct '71

United States

America's future on the seas. Scot MacDonald. illus
Govt Exec 3:29-33 Jan '71

Ammo moves to Europe via LASH (Lighter Aboard
SHip/barge. Maj Paul P. Leitz. illus Translog
2:4-5 Oct '71

CADS (Containerized Ammunition Distribution Sys-
tem). SP5 Eduardo E. Sanchez. illus Translog 2:
8-10+ Jul '71

Concealed damage in property shipments by common
carriers. TIG Brief 23:15-16 Aug 6 '71

Containerization and the Department of Defense.
Vincent F. Caputo. illus Def Trans J 27:34-37
May-Jun '71

The equitable routing of export cargo. Translog 2:
inside back cover Jun '71

Fitting round pegs into square holds. illus Translog
2:15-17+ Aug '71

Fresh salad for the troops. Maj Mark L. Maloney.
illus Translog 2:8-9 Mar '71

The government approach to the cargo security
crisis. (Adapted from addresses, Joint Conference
on the Cargo Security Crisis, Washington, June
17-18, 1971) Alan Bible and others. illus Translog
2:2-5+ Jul '71

Military containerization--impact on worldwide sup-
ply. A. Jack Mayor. illus Def Trans J 27:46-49
May-Jun '71

National decline. LtGen Ira C. Eaker, Ret. AF Times
32:13 Aug 18 '71

New interagency study (SPANS--Sealift Procurement
And National Security) focuses on maritime prob-
lems. James D. Hessman. illus Armed Forces J
108:26-28 Jul 19 '71

On course by computers. Jack L. Bailey. illus
Def Trans J 27:56-59 Sep-Oct '71

Port of Oakland--review for the future. Ben E. Nutter.
illus Def Trans J 27:52-53 Mar-Apr '71

Revolution in shipping: Trends in cargo transportation
(Port of Los Angeles). Bernard J. Caughlin. illus
Def Trans J 27:48-51 Mar-Apr '71

20 answers to 20 questions about transportation
security. Translog 2:6-8 Sep '71

Waterfront strikes require traffic management
changes. Translog 2: inside back cover Oct '71

When moving men show their worst side. (Reprinted
from Business Week, Aug 21, 1971) Translog
2:24 Oct '71

Costs

For the moving man, the hurdles multiply. (Condens-
ed from Business Week, Aug 21, 1971) illus
Translog 2:21-23 Oct '71

Statistics

The Merchant Marine: Rationalize or nationalize!
Col Lane C. Kendall, Ret. illus tabs US Nav Inst
Proc 97:37-43 Dec '71

Merchant shipping data. Tables only. US Nav Inst
Proc 97:352-353 May '71

SHIPS

See also specific types of ships, e.g.,

Icebreakers	Tankers
Patrol Boats	Warships

Advances in marine science and technology: Defense
aspects. J. Tunstead. illus tabs Royal United Svcs
Inst for Def Studies J 116:13-22 Sep '71

Armament

Armament and fire control systems. illus (Also
cutaways) Intl Def Rev 4:244-247 Jun '71

Gun systems? For air defense? LCDR William D.
O'Neil III, Ret. illus (Also cutaway) tab US Nav
Inst Proc 97:44-55 Mar '71

The silent vote. LTJG F. G. Dengler. illus US Nav
Inst Proc 97:34-37 Feb '71

Tomorrow's warships--their cost and their value.
VAdm B. B. Schofield, Ret. illus US Nav Inst Proc
97:43-48 Jan '71

Exhibitions

French Naval Exhibition at Le Bourget (Airport,
Paris, Sep 15-19, 1970). illus (Also cutaways)
Intl Def Rev 3:415-422 Dec '70

Conversion

Modernization of the Midway. CAPT James E. Kaune.
illus tab US Nav Inst Proc 97:27-33 Feb '71

Design

Tomorrow's warships--their cost and their value.
VAdm B. B. Schofield, Ret. illus US Nav Inst Proc
97:43-48 Jan '71

Equipment

Shipboard habitability: Restricted areas. CDR Mel-
ville R. Byington, Jr. illus US Nav Inst Proc 97:
24-31 Jan '71

Exhibitions

French Naval Exhibition at Le Bourget (Airport,
Paris, Sep 15-19, 1970). illus (Also cutaways)
Intl Def Rev 3:415-422 Dec '70

Fires and Fire Prevention

Fire on the flight deck. A personal account of the
fire that took the lives of 134 crewmen aboard
the United States aircraft carrier Forrestal in
July 1967. CDR M. D. Beach. illus Hawk No. 31:
29-31 Feb '70

Fuels

A practical method of predicting fuel consumption.
CAPT Gene D. Morin. illus tabs US Nav Inst Proc
97:104-106 Nov '71

Loading and Unloading

Lykes Seabee--background. illus tab NATO's Fifteen
Nations 16:104-105 Oct-Nov '71

Services test off-shore unloading of containerships.
illus Translog 2:10 Mar '71

Mothballing

See Mothball Fleet

Names

I christen thee: State names return to the fleet, and
other comments on the gentle art of naming ships.
Capt Frank V. Rigler, Ret. illus Sea Power
14:18-23 Oct '71

SHIPS - ContinuedFrance

The French Army's new pontoon boat. tab illus (Also cutaways) Intl Def Rev 3:190-192 Jun '70

Great BritainHistory

International Ice Patrol--heritage of the Titanic.
H. R. Kaplan. illus Review 51:10-12 Jul-Aug '71

LibyaMaintenance and Repair

LNS Zeltin--maintenance and repair ship for Libya.
John Rix. illus US Nav Inst Proc 97:95-98 Jan '71

Russia

Nikolay Zubov--Russia's newest oceanographic class ships. CDR Robert D. Plunkett, Ret. illus US Nav Inst Proc 97:97-99 Feb '71

United States

"Capable of serving as a naval and military auxiliary."
Lane C. Kendall illus tab US Nav Inst Proc 97:210-227 May '71

Further ship layups. Navy 14:28 Jan '71

'No place to hide' in Eagle's rigging. Robert J. Boylan. illus Navy 14:18-23 Jul-Aug '71

Operations of the Rude and the Heck (wire-dragging ships). Raymond Wilcove. illus US Nav Inst Proc 97:95-97 Feb '71

R/V Hero--assignment: Antarctic. Pictorial. William R. Curtsinger. US Nav Inst Proc 97:56-68 Feb '71

The silent vote. LTJG F. G. Dengler. illus US Nav Inst Proc 97:34-37 Feb '71

Statistics

Ships of the U.S. Navy. Stefan Terzibaschitsch. tabs US Nav Inst Proc 97:354-356 May '71

SHIPS, AUXILIARY see Auxiliary Ships

SHIPS, CARGO see Ships, Transport

SHIPS, NUCLEAR POWERED

See also

Aircraft Carriers, Nuclear Powered
Submarines, Nuclear Powered

United States

The case for the big frigate. CAPT Charles D. Allen. illus US Nav Inst Proc 97:106-107 Nov '71

(USS) Truxtun's Indian Ocean dash show A-frigate need. L. Edgar Prina. illus Sea Power 14:35-37 Sep '71

SHIPS, TRANSPORT

United States

Haul your freight. Ted Davis. illus Army Dig 26:38-40 Apr '71

Lykes Seabee--background. illus tab NATO's Fifteen Nations 16:104-105 Oct-Nov '71

Military sealift. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) RADM William S. Guest. illus Mil Engr 63:380-383 Nov-Dec '71

SHIPS, TRANSPORT - ContinuedUnited States - Cont'dStatistics

New shipbuilding programs fail to halt precipitous decline in sealift capabilities. James Hessman. tab illus Armed Forces J 108:25-27 Apr 5 '71

SHIP'S STORES see Exchanges--Navy

SHORE PATROL see Military Police

SHORT TAKEOFF AND LANDING see Airplanes
V/STOL

SHTOGREN, Anthony T.

The changing DOD communications-electronics environment. LtGen Richard P. Klocko and MajGen Anthony T. Shtogren. por Signal 25:60-61 Jun '71

SIANIS, Pete C.

Maintenance--that most important job. Editorial. MajGen Pete C. Sianis. Combat Crew 22:2-3

SIGHT

See also

Eyes

Comparative effects of vibration on monocular and binocular vision. Morton K. Ohlbaum and others. illus tabs Aerosp Med 42:36-41 Jan '71

SIGNALS AND SIGNALING

Pyrotechnic signals for pilots. tab illus (Also cut-away) Approach 17:26-31 Jul '71

SIKORSKY, Igor I.

Igor I. Sikorsky: Prime mover in the history of aviation. por Aerosp Hist 18:148-150 Sep '71

SILVERTHORN, Merwin H.

A brigade of Marines. (Discussion of fighting at Belleau Wood) LtGen M. H. Silverthorn. por MarCor Gaz 55:23-26 Nov '71

SIMLER, George B.

Accent on youth. (Excerpts from briefing, Commanders Conference, Ramey AFB, PR, Feb 12, 1971) LtGen George B. Simler. tabs AF Plcy Ltr for Comdrs: Sup No. 5:22-27 May '71

Air Force training and our national economy. LtGen George B. Simler. illus AU Rev 22:26-33 Sep-Oct '71

Air Training Command. por AF Mag 54:96-99 May '71

Growth opportunities for youth in the Air Force. (Remarks, Military Manpower Challenge Symposium, AFA Convention, Washington, Sep 21, 1971) LtGen George B. Simler. AF Plcy Ltr for Comdrs: Sup No. 11:29-32 Nov '71

SIMMONS, W. J.

Ballet dancer serves at AU. AF Times 31:29 Feb 24 '71

SIMPSON, Albert F.

Former Air Force Historian dies. por Aerosp Hist 18:114 Sep '71

SIMULATION METHODS

Design for support--integrated logistics support for FAMECE (FAMILY of Engineer Construction Equipment). Maj Vernelle T. Smith and William G. Scott. illus Army Log 3:18-21 Sep-Oct '71

The need for combat simulation. LtCol R. E. Loeche. illus MarCor Gaz 55:18-27 Oct '71

Tank battalion tactical exercise with field firing. Col M. Loginov and others. maps Soviet Mil Rev No. 5: 17-19 May '71

Tank crew training with Simfire (tank gunnery trainer). LtCol J. O. G. Paton, Ret. illus Intl Def Rev 4:442-444 Oct '71

SIMULATORSSee also

Flight Simulators
Space Simulators

Are simulators a luxury? LtCol R. R. Sheahan. illus MarCor Gaz 55:58-59 May '71

Better guns for choppers. Alexander Hammer. illus Ordnance 56:138-142 Sep-Oct '71

New simulator helps training of controllers. AF Times 31:53 Aug 4 '71

Training for defense--British equipment on display. illus Intl Def Rev 3:205 Jun '70

SINGLE MANAGER SYSTEM

Army gets sea role. illus Army Log 3:10-11 May-Jun '71

Evolution of communications systems. (Address, AFCEA, Washington, June 9, 1971) Col Howard E. McCormick. Signal 25:61-63 Aug '71

Exchanges around world get centralized manager. AF Times 32:51 Dec 15 '71

Will the minnow swallow the whale? (Defense Dept plan to transfer ocean transportation management and procurement from MSC to Military Traffic Management and Terminal Service (MTMTS)) L. Edgar Prina. illus Sea Power 14:37-39 Oct '71

SKY MARSHALS see Airplane Hijacking--PreventionSLEEP

Aquanaut sleep patterns during Tektite I: A 60-day habitation under hyperbaric nitrogen saturation. P. Naitoh and others. illus tabs Aerosp Med 42: 69-77 Jan '71

Clinical value of the electroencephalogram following sleep deprivation. Lauren K. Welch and Joseph B. Stevens. illus tabs Aerosp Med 42:349-351 Mar '71

Comparison of the encephalographic, behavioral and subjective correlates of natural and drug-induced sleep at atypical hours. M. F. Allnutt and P. J. O'Connor. illus tab Aerosp Med 42:1006-1010 Sep '71

Effect on sleep of a sleep period time displacement. Wilse B. Webb and others. illus tabs Aerosp Med 42:152-155 Feb '71

Field study of transport aircrew workload and rest. Bryce O. Hartman. illus tabs Aerosp Med 42:817-821 Aug '71

Neuroendocrine and metabolic responses to intermittent night shift work. H. B. Hale and others. illus tabs Aerosp Med 42:156-162 Feb '71

Period analysis of space flight EEG. Ashley J. Welch. illus tab Aerosp Med 42:601-606 Jun '71

SLEEP - Continued

Psychobiologic effects of prolonged bed rest (weightless) in young, healthy volunteers (Study II). Ralph S. Ryback and others. illus tabs Aerosp Med 42: 529-535 May '71

Variables associated with split-period sleep regimes. Wilse B. Webb and Harman W. Agnew, Jr. illus tabs Aerosp Med 42:847-850 Aug '71

SLIM, Sir William J.

Slim, 1891-1970. Bernard Fergusson. Army Qtr 101: 268-272 Apr '71

SLOT MACHINES see GamblingSMALL, Walter L.

Red Chinese sub threat pushing U.S. to number three in Pacific. Frank Macomber. por Navy 14:21-22 Jan '71

SMALL ARMSSee also

Pistols
Rifles

Firearms losses, 1970. TIG Brief 23:8 May 7 '71

Firearms safety. illus Contact 25:12-13 Sep-Oct '71

Israeli arms production. Jac Weller. illus Ordnance 55:540-544 May-Jun '71

Protection of government arms and ammunition. TIG Brief 23:1 Aug 27 '71

Safeguarding firearms. TIG Brief 23:8 Jun 4 '71

Safeguarding firearms, ammunition, and explosives. TIG Brief 23:16 Jul 23 '71

Safeguarding small arms shipments. illus Translog 2:6-7 Mar '71

Security of government and privately owned weapons. TIG Brief 23:16 Apr 9 '71

Small arms in the Middle East. Jac Weller. illus Infantry 61:22-27 May-Jun '71

Small arms program. TIG Brief 23:7 Jun 4 '71

Laws and Regulations

Arming AF personnel and control of firearms. TIG Brief 23:20 Apr 23 '71

SMALL BUSINESS

Commerce takes a new stance--under Stans. Interview. Maurice H. Stans. illus Govt Exec 3:34-36+ Aug '71

For the moving man, the hurdles multiply. (Condensed from Business Week, Aug 21, 1971) illus Translog 2:21-23 Oct '71

SBA's new administrator Kleppe: "Private enterprise built this country." illus Govt Exec 3:18 Mar '71

Small Business Act (1953). TIG Brief 23:3 Jun 4 '71

Small business specialists. TIG Brief 23:16 Mar 12 '71

Small firms helped in servicing bases. AF Times 31:10 Jul 7 '71

Small firms thrive. AF Times 32:26 Oct 13 '71

A tree grows in the Pentagon. Col John E. Bex. illus AU Rev 22:84-88 Mar-Apr '71

SMITH, James C.

MajGen Smith to Fort Hood (Tex). *Armor* 80:62-63 May-Jun '71

SMITH, John V.

Cooperation for defense--Industrial College of the Armed Forces and the A.O.A. (American Ordnance Assoc) foster preparedness. por biog Ordnance 55:518-519 May-Jun '71

SMITH, Levering

The most hunted submarine--Poseidon goes to sea. Interview. *RADM Levering Smith*. por Navy 14: 20-23 May '71

SMITH, Lynn D.

The challenge of the introspective seventies: Array of national options calls for extreme flexibility. BrigGen Lynn D. Smith, Ret. *illus Army* 21:18-21 May '71

What's wrong with being an expert? (Disadvantage of Army's reassignment policy) BrigGen Lynn D. Smith, Ret. *Army* 21:26-29 Nov '71

SMITH, Russell H.

The Presidential decision on the Cambodian operation --a case study in crisis management. Col Russell H. Smith. *illus AU Rev* 22:45-53 Sep-Oct '71

SMITH, T. Arthur

Army's (Director of Cost Analysis) T. Arthur Smith: "Detail is comfortable psychologically." por *Govt Exec* 3:45 Oct '71

SMOKING

Cancer cures smoking. Jacqueline J. Droney. *illus Airman* 15:35-36 Oct '71

Cigarette control pushed. *AF Times* 32:1+ Nov 17 '71

The military health team in smoking control programs. *TIG Brief* 23:17-18 Oct 22 '71

SMUGGLING see Customs ServiceSNIPERS

City fighting: Old doctrine, new techniques. Capt Grady A. Smith. *illus Infantry* 61:28-31 May-Jun '71

SNOW REMOVAL

Adequate, effective snow removal and ice control plans. *TIG Brief* 23:19 Oct 22 '71

Equipment

Snow removal equipment. SMSgt Reno C. Plenge. *illus Mil Engr* 63:85-87 Mar-Apr '71

SNOW VEHICLES

Motor sleighs and amphibian aero-sleighs--the transport fleet of the Soviet Far North. Alexander Blokhin. *illus Def Trans J* 27:60-61 Sep-Oct '71

SNOWMOBILES see Snow VehiclesSOARING see Gliding and SoaringSOCIAL CHANGE

America's crisis of confidence. Stanley L. Harrison. *NATO's Fifteen Nations* 16:66-68 Feb-Mar '71

Antimilitarism in the Age of Aquarius. Maj Joseph W. Kastl. *illus AU Rev* 23:32-38 Nov-Dec '71

SOCIAL CHANGE - Continued

Dissent: Do we need it? Carroll Quigley. *Persp in Def Mgt*, pp 21-30, Jan '71

East-West--the twain have met. (Adapted from Dillingham Lecture, Center for Cultural and Technical Interchange Between East and West, Honolulu, Nov 11, 1970) Lee Kuan Yew. *illus Mil Rev* 51:76-83 Jul '71

FBI official (Charles D. Brennan) warns of extremist peril: Awarded ROA citation (at ROA Mid-Winter Conference, Washington, Feb 18-19, 1971). Officer 47:23 Apr '71

Impending crisis in Air Force leadership. Col Doyle E. Larson. *illus AU Rev* 23:13-20 Nov-Dec '71

The moral values of the Free World, the common heritage of the countries of the (NATO) Alliance. M. W. J. M. Broekmeijer. *NATO's Fifteen Nations* 16:18-23 Aug-Sep '71

Motivation--a challenge to leadership. (Address, 1970 Homecoming Banquet, USAFA Assoc of Graduates, Colorado Springs, Oct 10, 1970) LtGen A. P. Clark. *AF Plcy Ltr for Comdrs*: Sup No. 1:3-10 Jan '71

Mutual misperceptions: The academic and the soldier in contemporary America. Col Donald F. Bletz. *illus Parameters* 1:2-13 Fall '71

A new look at the 'ultimate weapon' (a young soldier). Ch(Col) Albert F. Ledebuhr. *illus Army* 21:22-25 Nov '71

The philosophy of the counterculture. ENS William F. Averyt. *illus Nav War Col Rev* 23:17-25 Mar '71

Social change--a necessary variable in Army planning. Lt James H. Davis and others. *illus Army* 21:32-35 May '71

Social revolution in Saudi Arabia. Hermann Fr. Eilts. *illus map Parameters* pt 1, 1:4-18 Spring '71; pt 2, 1:22-33 Fall '71

The space program--a time of transition. DeMarquis D. Wyatt. *Signal* 25:10-14 Jul '71

State of the Nation. Leo Cherne. *Persp in Def Mgt*, pp 1-9, Jan '71

The struggle for survival. Leo Cherne. *Signal* 25:6-11 Jan '71

The world of change. H. Paul Ecker. *illus Armed Forces Compt* 16:4-8 Spring '71

SOCIAL SECURITY

SS bill: \$100 in credit. *AF Times* 31:2 Jun 2 '71

Social Security benefits raised. *AF Times* 31:22 Mar 31 '71

Survey reveals lack of Social Security knowledge. *Contact* 25:7-8 Jul-Aug '71

SOCIETY OF LOGISTICS ENGINEERS

An industrialist looks at the Society of Logistics Engineers. (Address, Baltimore Chapter, SOLE, Feb 23, 1971) George Beck. *illus Log Spectrum* 5:20-23 Summer '71

Is SOLE membership worthwhile? LtCol William G. Comstock. *Log Spectrum* 5:2-3 Summer '71

Keynote speech, Fifth Annual Convention (Society of Logistics Engineers, Dallas, Aug 26-28, 1970). LtGen Earl C. Hedlund. *illus Log Spectrum* 4:1-8+ Winter '70

Logistics professionalization. *RADM Joseph L. Howard*. *illus Log Spectrum* 5:9-14 Winter '71

SOCIETY OF LOGISTICS ENGINEERS - Continued

SOLE Education Symposium (Wright-Patterson AFB, Ohio, Feb 23-24, 1970). illus Log Spectrum 5:30-35 Summer '71

SOLAR SYSTEM

NASA explores the solar system. David Baker. illus tab Spaceflight 13:42-45 Feb '71

The uniqueness of the earth. (Adapted from Thomas D White Lecture, Air University, Maxwell AFB, Ala, March 2, 1971) William G. Pollard. illus tab AU Rev 22:34-44 Jul-Aug '71

SOLDIERS

The soldier, the battlefield, and leadership. LtCol Ijaz Ahmad. illus Mil Rev 51:43-49 May '71

Rehabilitation

The Air Force correction program for the 1970's. Capt John E. Moye. illus AF JAG L Rev 13:81-95 Spring '71

The Army's halfway house (Correctional Training Facility, Fort Riley, Kan). Henry B. Jameson. illus Army 21:30-32 Nov '71

Russia

Armour and the Russian officer. Bryan Perrett. Army Qtr 101:186-194 Jan '71; Condensation. Mil Rev 51:70-79 Aug '71

Physical fitness programme for the soldier. V. Podolsky. illus Soviet Mil Rev No. 3:27-29 Mar '71

United States

'A career of service to your fellowman is the highest career of all.' (Address, West Point, May '71) Richard M. Nixon. illus Armed Forces J 108:28-31 Jun 21 '71

A new look at the 'ultimate weapon' (a young soldier). Ch(Col) Albert F. Ledebuhr. illus Army 21:22-25 Nov '71

New men, new materiel. Gen Henry A. Miley, Jr. illus Ordnance 55:436-439 Mar-Apr '71

Sophisticated basic trainees. LtCol Tom Hamrick, Ret. illus Army 21:34-39 Sep '71

SOLDIERS' AND SAILORS' CIVIL RELIEF ACT

Stay of proceedings and default judgments under the Soldiers' and Sailors' Civil Relief Act. Lt William A. Albright. illus AF JAG L Rev 13:128-136 Spring '71

Your legal rights. Capt Jerome J. Curtis, Jr. illus Army Dig 26:64-65 Feb '71

SOLDIERS' HOME

There's no place quite like U.S. Soldiers' Home. Tony McHale. illus AF Times 31:16 May 12 '71

SONAR

Searching for the enemy under the sea. Capt V. Kurguzov. illus Soviet Mil Rev No. 8:21-22 Aug '71

SONIC BOOM

The SST threat to the environment: Facts or guess-work? illus Interavia 26:813-815 Jul '71

Sonic boom and the supersonic transport. Maj Richard M. Roberds. illus AU Rev 22:25-33 Jul-Aug '71

SOUND

Proper siting of power check pads and jet engine test stands with sound suppressors. TIG Brief 23:13 Feb 26 '71

SOUND RECORDING AND REPRODUCING

Videorecords--the latest in audio-visual technology. illus Signal 25:36-37 Mar '71

SOUNDING ROCKETS see Rockets, Sounding

SOUTH VIETNAM see Vietnam (Republic)

SOUTHERN COMMANDSee also

Air Forces Southern Command

SOVIET UNION see Russia

SPACE

Our commitment to space. K.A. Enricke. illus Spaceflight 13:82 Mar '71

Commercial Applications

Liftoff to economy--the space shuttle. Howard W. Cannon. (Reprinted from Aerospace, July 1971) illus Space World H-11-95:11-15 Nov '71

New industrial revolution in space. David Dooling, Jr. illus (Also cutaway) Spaceflight 13:449-453 Dec '71

The potential of earth applications of satellites. (Address, AFCEA, Washington, June 8, 1971) Leonard Jaffe. Signal 25:48-49 Aug '71

Space--double indemnity for our future. (Address, Beverly Hills Rotary Club, Los Angeles, May 10, 1971) Prepared for LtGen S.C. Phillips; delivered by BrigGen R.A. Duffy. AF Plcy Ltr for Comdrs: Sup No. 7:2-8 Jul '71

Exhibitions

Moscow's permanent space exhibition (Space Pavilion, USSR Economic Achievement Exhibition, Moscow). Victor Bazykin. illus Spaceflight 13:295-297 Aug '71

International Aspects

Applications satellites. (British Interplanetary Society Symposium, Southampton University, England, April 14-15, 1971) John Millburn. Spaceflight 13:305-308 Aug '71

Canada's satellite Anik 1. illus NATO's Fifteen Nations 16:89 Feb-Mar '71

Canadian launch facilities. J.A. Tarzwell. illus Spaceflight 13:225-226 Jun '71

Exploration of the moon: Some aspects of legal regulation. E.G. Vasilevskya. Space World H-11-95: 27-31 Nov '71

The 4th European Space Conference (2d session, Brussels, Nov 4-5, 1970). A.V. Cleaver. Spaceflight 13:108-110 Mar '71

The 4th Eurospace U.S. - European Conference. (Venice, Sep 21-25, 1970) C.R. Turner. Spaceflight 13:193-196 May '71

German-U.S. barium-ion cloud experiment. tabs Space World H-7-91:42-43 Jul '71

INTELSAT 4. illus (Also cutaways) Space World H-4-88:4-9 Apr '71

INTELSAT 4--newest series of commercial communications satellites. illus map Signal 25:43-45 Apr '71

The importance of space exploration. Carl R. Konkel. Space World H-4-88:44-45 Apr '71

SPACE - ContinuedInternational Aspects - Cont'd

- India's domestic communications satellite. Hormuz P. Mama. illus Spaceflight 13:446-448 Dec '71
- Intercosmos: Space program of Socialist countries. Boris Petrov. Space World H-4-88:36-37 Apr '71
- International programs. Space World H-3-87:10-13 Mar '71
- The ionosphere satellite ISIS (International Satellite for Ionospheric Studies)-B. illus Space World H-7-91:38-41 Jul '71
- The Italian San Marco-C. illus map Space World H-8-92:28-30 Aug '71
- Italy to launch U.S. satellites. Spaceflight 13:12-13 Jan '71
- Largest commercial satellite (INTELSAT 4). illus (Also cutaway) Spaceflight 13:122-123 Apr '71
- (Satellites serving the multi-language communications requirements of NATO) illus Signal 25:72-73 Apr '71
- Second communications satellite for NATO. illus NATO's Fifteen Nations 16:92-93 Jun-Jul '71
- Seeking extra-terrestrial civilizations. (Symposium at Byurakan Astrophysical Observatory, Armenia, Sep 6-11, 1971) Spaceflight 13:464 Dec '71
- Soviet-American co-operation in space. Interavia 26:218 Mar '71
- Towards East-West space co-operation. (Agreement between the USSR Academy of Sciences and NASA) illus Spaceflight 13:278-281 Aug '71
- 22d International Astronautical Federation Congress (Brussels, Sep 20-25, 1971). illus Interavia 26:1410-1411 Dec '71
- U.S.-Soviet agreement for cooperation in space exploration. (Summary of results of discussions between Academy of Sciences of the USSR and NASA, Moscow, Jan 18-21, 1971) Space World H-7-91:30-31 Jul '71
- U.S./Soviet space talks. Spaceflight 13:92 Mar '71

Medical Applications

- Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71
- Technology of space program carries spinoffs for medicine. illus Aerosp Med 42:1352-1354 Dec '71

Military Applications

- Space--double indemnity for our future. (Address, Beverly Hills Rotary Club, Los Angeles, May 10, 1971) Prepared for LtGen S. C. Phillips; delivered by BrigGen R. A. Duffy. AF Plcy Ltr for Comdrs: Sup No. 7:2-8 Jul '71
- Space Transportation System (STS). (Address, Senate Committee on Aeronautical and Space Sciences, March 30, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 5:2-10 May '71

Peaceful Applications

See Aerospace Power--Peaceful Applications

Scientific ApplicationsSee also

Satellites, Artificial--Scientific Uses

- Benefits from space. Space World H-9-93:39-40 Sep '71

SPACE - ContinuedScientific Applications - Cont'd

- Electrophoresis demonstration planned for Apollo 14. illus (Also cutaway) Space World H-4-88:28-30 Apr '71
- Harvest from space. Henry Simmons. illus Spaceflight 13:442-445 Dec '71
- New industrial revolution in space. David Dooling, Jr. illus (Also cutaway) Spaceflight 13:449-453 Dec '71
- On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71
- Orbiting station to provide direct benefits to earth. Space World H-3-87:20 Mar '71
- The potential of earth applications of satellites. (Address, AFCEA, Washington, June 8, 1971) Leonard Jaffe. Signal 25:48-49 Aug '71
- Skylab probes to stress 'earth resources.' AF Times 31:21 Feb 10 '71
- The space program--a time of transition. DeMarquis D. Wyatt. Signal 25:10-14 Jul '71
- Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71

SPACE AND TIME

- Some comments on 'The Phenomenon of Time Dilation' (by Derek Lawden, Spaceflight, April 1970)-2. Walter A. Elliott. Spaceflight 13:86-87+ Mar '71

SPACE BIOLOGY

- Applied exobiology. John M. Prytz. Space World H-11-95:34-35 Nov '71
- Experimental biology of extreme environments and its significance for space bioscience. S.M. Siegel. illus tab Spaceflight pt 1, 12:128-130 Mar '70; pt 2, 12:256-259 Jun '70; pt 3, 13:183-186+ May '71

SPACE CLOTHINGSee also

Pressure Suits

- On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71

SPACE COMMUNICATIONSSee also

Satellites, Artificial--Communication Applications
also specific satellites under project name, e.g.,
Space Project--Early Bird

- Aeronautical satellite. Spaceflight 13:92-93 Mar '71
- Infra-red interstellar communication. A. T. Lawton. illus tab Spaceflight 13:83-85 Mar '71
- Seeking extra-terrestrial civilizations. (Symposium at Byurakan Astrophysical Observatory, Armenia, Sep 6-11, 1971) Spaceflight 13:464 Dec '71
- Startalk--the problems of interstellar communication. A. T. Lawton. illus Spaceflight 13:241-244 Jul '71

- Telecommunications aboard Apollo. David Baker. illus Spaceflight 229-231 Jun '71

History

- ('Project Diana'--first man-made signals bounced off moon) Signal 25:66+ Mar '71

SPACE CREWSSee alsoAstronauts

Crew performance as a factor of information input. Richard E. McKenzie. tabs Aerosp Med 42:337-339 Mar '71

SPACE DEBRIS

Who pays space damages? Nations negotiating treaty. AF Times 31:33 Mar 3 '71

SPACE EXPERIMENTS SUPPORT PROGRAM

(Air Force Avionics) Lab orbits 4 satellites--inflatable spheres. AF Times 32:30 Sep 15 '71

SPACE FEEDING

Apollo 14 food system. Malcolm C. Smith, Jr and others. illus tabs Aerosp Med 42:1185-1192 Nov '71

Biochemical and physiological consequences of the Apollo flight diet. E. W. Hander and others. tabs Aerosp Med 42:1192-1195 Nov '71

Feeding man in space. (Developments from Natick Laboratories) H. A. Hollender and Mary V. Klicka. (Adapted from Review, Jan-Feb 1970) illus Army Log 3:24-27+ Nov-Dec '71

Food for men in space. H. R. Kaplan. illus tab Review 50:14-16+ Mar-Apr '71

Russian report. Space World H-12-96:40-42+ Dec '71

What Soviet spacemen eat. Victor Yefimov and others. Space World H-3-87:40 Mar '71

SPACE FLIGHTSee alsoSpace Vehicles

'Grand tour' spacecraft computer. P. J. Parker. Spaceflight 13:88+ Mar '71

Memoirs of a fireside astronaut. H. E. Ross. illus Spaceflight 13:47-51 Feb '71

Missiles and astronautics. Col Leon Booth, Ret. Regular feature in issues of Ordnance

NASA explores the solar system. David Baker. illus tab Spaceflight 13:42-45 Feb '71

Space report. Regular feature in issues of Spaceflight

Commercial ApplicationsSee Space--Commercial ApplicationsHistory

Decade in space: Man to the moon. AF Times 31:13 May 19 '71

International AspectsSee Space--International AspectsManned Flights, American

See also specific manned projects by name, e.g.,
Space Project--Apollo

Lifting body flights (and manned lifting body flight log, Dec 7, 1966-Nov 25, 1970). tab Spaceflight 13:208-209 Jun '71

The manned exploration of Mars. David Dooling, Jr. illus Spaceflight 13:198-202 Jun '71

Manned space flight. illus Space World H-3-87:42-43 Mar '71

SPACE FLIGHT - ContinuedManned Flights, American - Cont'd

NASA's manned space flight network. illus Space World H-4-88:31-33 Apr '71

Review of American manned space missions. Table only. Interavia 26:1124 Oct '71

10th anniversary of U.S. manned space flight. tabs Space World H-8-92:17-20 Aug '71

Manned Flights, Russian

Biographical data on the Soyuz 10 crew. illus Space World H-8-92:8-9 Aug '71

How the Vostok spaceship was developed. Fyodor Morev. illus Space World H-8-92:26-27 Aug '71

A new step in space--crew of the Soyuz-10 spaceship. illus Soviet Mil Rev No. 6:10-11 Jun '71

1970: A Soviet space year. K. L. Plummer. illus tab Spaceflight 13:175-179 May '71

Salyut. Kenneth W. Gatland. illus Spaceflight 13:338-340 Sep '71

Soyuz-9 flight, a manned biomedical mission. Boris N. Mandrovsky. Aerosp Med 42:172-177 Feb '71

Symbol of the epoch. illus Soviet Mil Rev No. 4:2-5 Apr '71

(A tragic and totally unexpected end to the Salyut mission) Interavia 26:900 Aug '71

Vostok in orbit. Col Gherman Titov. illus Soviet Mil Rev No. 4:6-8 Apr '71

Physiological AspectsSee alsoBioastronautics
Weightlessness

Acceleration and human performance. W. F. Grether. illus tabs Aerosp Med 42:1157-1166 Nov '71

Biochemical and physiological consequences of the Apollo flight diet. E. W. Hander and others. tabs Aerosp Med 42:1192-1195 Nov '71

Biosatellite 3 results; program conducted by the Space Biology Laboratory, Brain Research Institute, University of California, Los Angeles, supported by the National Aeronautics and Space Administration. W. R. Adey and others. illus Aerosp Med 42:271-313 Mar '71

Calcium, potassium, and iron loss by Apollo 7, 8, 9, 10 and 11 astronauts. R. L. Brodzinski and others. illus tabs Aerosp Med 42:621-626 Jun '71

Comparison of the effects of 70° tilt and several levels of lower body negative pressure on heart rate and blood pressure in man. F. Story Musgrave and others. illus tab Aerosp Med 42:1065-1069 Oct '71

Gyroscopic stimulation of the semicircular canals during sensory deprivation. Bernard D. Newsom and others. illus tabs Aerosp Med 42:1283-1289 Dec '71

Immobilization hypercalciuria: Treatment and a possible pathophysiologic mechanism. Donald P. Griffith. illus Aerosp Med 42:1322-1324 Dec '71

Morphological and cytochemical studies of hypokinetic effects. V. V. Portugalov and others. illus Aerosp Med 42:1041-1049 Oct '71

SPACE FLIGHT - ContinuedPhysiological Aspects - Cont'd

Period analysis of space flight EEG. Ashley J. Welch
illus tab Aerosp Med 42:601-606 Jun '71

Psychobiologic effects of prolonged bed rest (weightless) in young, healthy volunteers (Study II). Ralph S. Ryback and others. illus tabs Aerosp Med 42: 529-535 May '71

Psychobiologic effects of prolonged weightlessness (bed rest) in young healthy volunteers. Ralph S. Ryback and others. illus tabs Aerosp Med 42: 408-415 Apr '71

Some comments on 'The Phenomenon of Time Dilation' (by Derek Lawden, Spaceflight, April 1970)-2. Walter A. Elliott. Spaceflight 13:86-87+ Mar '71

Soyuz-9 flight, a manned biomedical mission. Boris N. Mandrovsky. Aerosp Med 42:172-177 Feb '71

Psychological Aspects

Psychobiologic effects of prolonged bed rest (weightless) in young, healthy volunteers (Study II). Ralph S. Ryback and others. illus tabs Aerosp Med 42: 529-535 May '71

Psychobiologic effects of prolonged weightlessness (bed rest) in young healthy volunteers. Ralph S. Ryback and others. illus tabs Aerosp Med 42: 408-415 Apr '71

SPACE FLIGHT TO MARSSee also

Space Project--Mariner
Space Project--Viking

Album: Photo story of 1981 Mars mission. Space World H-3-87:23-35 Mar '71

Periodic interplanetary orbits. T. Ransome. illus tab Spaceflight 13:72-73 Feb '71

Russian report. Space World H-12-96:40-42+ Dec '71

SPACE FLIGHT TO THE MOONSee also

Space Project--Apollo
Space Project--Surveyor

Exploration of the moon: Some aspects of legal regulation. E. G. Vasilevskaya. Space World H-11-95: 27-31 Nov '71

Luna 16's trophies. (From speech, press conference, Moscow, Oct 28, 1970) Mstislav Keldysh. Space World H-6-90:18-19 Jun '71

Lunokhod 1--Soviets land first vehicle on moon. illus Interavia 26:78 Jan '71

Lunokhod 1--thirty-five days of work on the moon. Space World H-5-89:35-39 May '71

SPACE FLIGHT TO VENUSSee also

Space Project--Mariner

Periodic interplanetary orbits. T. Ransome. illus tab Spaceflight 13:72-73 Feb '71

SPACE GLIDERS see Lifting BodiesSPACE INDUSTRY AND TRADE see Aerospace Industry and TradeSPACE LAW

Exploration of the moon: Some aspects of legal regulation. E. G. Vasilevskaya. Space World H-11-95: 27-31 Nov '71

SPACE LAW - Continued

Russian report. Space World H-12-96:40-42+ Dec '71

Who pays space damages? Nations negotiating treaty. AF Times 31:33 Mar 3 '71

SPACE MEDICINESee also

Space--Medical Applications
Space Flight--Physiological Aspects
Space Flight--Psychological Aspects

Civil aeromedical standards for general-use aerospace transportation vehicles. Stanley R. Mohler and Siegfried J. Gerathewohl. tabs Aerosp Med 42:1116-1120 Oct '71

Soviet research in space medicine. Vasily V. Parin and Fyodor Kosmolinsky. Aerosp Med 42:339-340 Mar '71

SPACE NAVIGATIONSee also

Satellites, Artificial--Navigation Applications

How Apollo spacecraft find their way to the moon. illus Space World H-5-89:16-22 May '71

Trans-stellar navigation. James Strong. illus Spaceflight 13:252-255 Jul '71

SPACE OBSERVATORIES

Experiments for HEAO (High Energy Astronomy Observatory). illus Spaceflight 13:123-124 Apr '71

Intercomos: Space program of Socialist countries. Boris Petrov. Space World H-4-88:36-37 Apr '71

Lunokhod I on the expansion of the universe. Sergei Mandelshtam. Space World H-4-88:46 Apr '71

OAO-B--world's largest space astronomy telescope. map illus (Also cutaway) Space World H-4-88: 10-15 Apr '71

OSO-H (Orbiting Solar Observatory) to continue study of the sun. illus map Space World H-12-96:4-11 Dec '71

SPACE PHOTOGRAPHY see Photography, SpaceSPACE POLICYUnited States

The Air Force and the space transportation system. LtCol Donald L. Steelman. illus AU Rev 22:34-41 Jan-Feb '71

Can we afford the loss of momentum in the nation's aerospace program? Alphonzo Bell. Space World H-9-93:36-37 Sep '71

The space program--a time of transition. DeMarquis D. Wyatt. Signal 25:10-14 Jul '71

Space Transportation System (STS). (Address, Senate Committee on Aeronautical and Space Sciences, March 30, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 5:2-10 May '71

SPACE PROGRAMS

Aerospace review. Regular feature in issues of Aerospace International

International programs. Space World H-3-87:10-13 Mar '71

Space programmes round the world. map illus (Also cutaways with scale plan) Interavia pt 1, Federal Germany, France, Great Britain. 26:554-557 May '71; pt 2, Italy. 26:700-701 Jun '71; pt 3, Japan. H. Sueyoshi. 26:1154-1155 Oct '71; pt 4, The Netherlands. 26:1311 Nov '71

SPACE PROGRAMS - ContinuedCanada

Canada's satellite Anik 1. illus NATO's Fifteen Nations 16:89 Feb-Mar '71

The ionosphere satellite ISIS (International Satellite for Ionospheric Studies)-B. illus Space World H-7-91:38-41 Jul '71

Communist Bloc

Intercosmos: Space program of Socialist countries. Boris Petrov. Space World H-4-88:36-37 Apr '71

Europe, Western

ELDO's Europa launch vehicle programme. illus Interavia 26:1171 Oct '71

ESRO (European Space Research Organization)'s interest in communications satellites. Interavia 26:1170 Oct '71

The 4th European Space Conference (2d session, Brussels, Nov 4-5, 1970). A. V. Cleaver. Spaceflight 13:108-110 Mar '71

The 4th Eurospace U.S.-European Conference. (Venice, Sep 21-25, 1970). C. R. Turner. Spaceflight 13:193-196 May '71

French space technology--down-to-earth, yet way up there. (Trans from a French publication) illus Space World H-9-93:23-27 Sep '71

France

French space technology--down-to-earth, yet way up there. (Trans from a French publication) illus Space World H-9-93:23-27 Sep '71

Great Britain

The British national space programme. (Address, 10th European Space Symposium, Paris, June 8-10 1970) N. Simmons. illus (Also cutaways) Spaceflight 13:6-11 Jan '71

Italy

The Italian San Marco-C. illus map Space World H-8-92:28-30 Aug '71

Russia

The case for space automation. Boris Petrov. Space World H-3-87:36-37 Mar '71

400 Cosmos satellites. Alexander Bessonov. illus Space World H-8-92:24-25 Aug '71

How the Vostok spaceship was developed. Fyodor Morev. illus Space World H-8-92:26-27 Aug '71

Luna 16's trophies. (From speech, press conference, Moscow, Oct 28, 1970) Mstislav Keldysh. Space World H-6-90:18-19 Jun '71

Lunokhod 1. illus Spaceflight 13:90-91 Mar '71

Lunokhod 1--thirty-five days of work on the moon. Space World H-5-89:35-39 May '71

Moscow's permanent space exhibition (Space Pavilion USSR Economic Achievement Exhibition, Moscow). Victor Bazykin. illus Spaceflight 13:295-297 Aug '71

1970: A Soviet space year. K. L. Plummer. illus tab Spaceflight 13:175-179 May '71

The progress of space exploration and research. Anatoly Blagonravov. illus Space World H-9-93:12-21 Sep '71

SPACE PROGRAMS - ContinuedRussia - Cont'd

Russian report. Space World H-12-96:40-42+ Dec '71

The Salute--man's first manned orbital station. illus Space World H-9-93:4-8 Sep '71

Soviet meteorological satellites and research. illus tab (Also cutaway) Interavia 26:75-77 Jan '71

The Soviet space effort--an analysis. Foy D. Kohler and Dodd L. Harvey. illus AF Mag 54:54-59 Jun '71

Soviet space flights in 1970. A. Dmitriev. Space World H-6-90:34-35 Jun '71

Soviets mark 10th anniversary of Yuri Gagarin's spaceflight--a history of the USSR space program. Yuri Biryukov and others. Space World H-6-90:4-13 Jun '71

Space giants (U.S. and USSR) face the future. H. T. Simmons. illus (Also cutaway) Interavia 26:824-828 Jul '71

Symbol of the epoch. illus Soviet Mil Rev No. 4:2-5 Apr '71

Towards East-West space co-operation. (Agreement between the USSR Academy of Sciences and NASA) illus Spaceflight 13:278-281 Aug '71

History

Soviets mark 10th anniversary of Yuri Gagarin's spaceflight--a history of the USSR space program. Yuri Biryukov and others. Space World H-6-90:4-13 Jun '71

United StatesSee also

Space Experiments Support Programs

The Air Force and the space transportation system. LtCol Donald L. Steelman. illus AU Rev 22:34-41 Jan-Feb '71

Album: Photo story of 1981 Mars mission. Space World H-3-87:23-35 Mar '71

Can we afford the loss of momentum in the nation's aerospace program? Alphonzo Bell. Space World H-9-93:36-37 Sep '71

Grand tour invitations. Spaceflight 13:137 Apr '71

Manned space flight. illus Space World H-3-87:42-43 Mar '71

NEO (Near Earth Orbit) space--the case for the space program. Space World H-12-96:27-30 Dec '71

On revitalizing space. Joseph Karth. (Reprinted from Skyline, vol 29, no. 3, 1971) Space World H-11-95:32 Nov '71

Space Transportation System (STS). (Address, Senate Committee on Aeronautical and Space Sciences, March 30, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 5:2-10 May '71

USAF in space via the coming shuttle. William Leavitt. illus AF Mag 54:142-144 May '71

U.S. Navy: Where are you? LCDR Preston E. Beck. illus US Nav Inst Proc 97:101-103 Apr '71

Costs

Can we afford the loss of momentum in the nation's aerospace program? Alphonzo Bell. Space World H-9-93:36-37 Sep '71

SPACE PROGRAMS - ContinuedUnited States - Cont'dCosts - Cont'd

Cheaper space missions attract military. AF Times 31:37 Apr 28 '71

United States--Air Force

Cheaper space missions attract military. AF Times 31:37 Apr 28 '71

Space Transportation System (STS). (Address, Senate Committee on Aeronautical and Space Sciences, March 30, 1971) Robert C. Seamans, Jr. AF Pley Ltr for Comdrs: Sup No. 5:2-10 May '71

United States--Army

Army Aviation 2000. Maj Howard J. Stiles. illus USA Avn Dig 17:16-18 Jan '71

United States--National Aeronautics and Space Administration

Cheaper space missions attract military. AF Times 31:37 Apr 28 '71

Coming: A new series of hypersonic scramjets? USAF and NASA working together. Interviews. James C. Fletcher and Neil A. Armstrong. illus AF Mag 54:36-39 Oct '71

Decade in space: Man to the moon. AF Times 31:13 May 19 '71

Future United States space plans. illus tabs Interavia 26:156-159 Feb '71

'Grand tour' spacecraft computer. P.J. Parker. Spaceflight 13:88+ Mar '71

The ionosphere satellite ISIS (International Satellite for Ionospheric Studies)-B. illus Space World H-7-91:38-41 Jul '71

The Italian San Marco-C. illus map Space World H-8-92:28-30 Aug '71

Italy to launch U.S. satellites. Spaceflight 13:12-13 Jan '71

Liftoff to economy--the space shuttle. Howard W. Cannon. (Reprinted from Aerospace, July 1971) illus Space World H-11-95:11-15 Nov '71

The manned exploration of Mars. David Dooling, Jr. illus Spaceflight 13:198-202 Jun '71

A modularized space station. Herman Henderickx. tab illus (Also cutaways) Spaceflight 13:341-343 Sep '71

The NASA budget. David Baker. illus tab Spaceflight 13:368-369 Oct '71

NASA explores the solar system. David Baker. illus tab Spaceflight 13:42-45 Feb '71

NASA fights for the space shuttle programme. Interavia 26:1018 Sep '71

NASA space science and applications--future program. Space World H-4-88:38-40 Apr '71

NASA's manned space flight network. illus Space World H-4-88:31-33 Apr '71

On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71

Planetary Atmosphere Experiments Test (PAET). map illus (Also cutaway) Space World H-9-93:28-34 Sep '71

SERT 2 report. Spaceflight 13:163 May '71

SPACE PROGRAMS - ContinuedUnited States--National Aeronautics and Space Administration - Cont'd

A schedule for the shuttle. David Baker. illus tab Spaceflight 13:454-455 Dec '71

A set-back for the space shuttle. illus Interavia 26:1360 Dec '71

The shuttle: U.S.'s airline into space. Interview. James C. Fletcher. illus AF Mag 54:53-55+ Sep '71

Skylab. David Baker. illus tab Spaceflight 13:335-337 Sep '71

Skylab probes to stress 'earth resources.' AF Times 31:21 Feb 10 '71

Space giants (U.S. and USSR) face the future. H. T. Simmons. illus (Also cutaway) Interavia 26:824-828 Jul '71

Space in the seventies. Thomas O. Paine. illus Ordnance 55:328-330 Jan-Feb '71

The space program--a time of transition. DeMarquis D. Wyatt. Signal 25:10-14 Jul '71

The space program--pro and con. (Address, Theoretical Ionospheric Models Conference, Pennsylvania State University, 1971) John Clark. Space World H-12-96:32-35 Dec '71

Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71

Space station situation report. David Baker. tabs illus (Also cutaways) Spaceflight pt 1, The North American Rockwell proposal. 13:318-334; pt 2, The McDonnell-Douglas proposal. 13:344-451 Sep '71

Towards East-West space co-operation. (Agreement between the USSR Academy of Sciences and NASA) illus Spaceflight 13:278-281 Aug '71

U.S. faces bleak future in space: Is the space shuttle the answer? Leon Shloss. illus Govt Exec 3:66+ Oct '71

SPACE PROJECTApollo

Air Force tracks on the moon (Apollo 15). illus Airman 15:3-8 Jul '71

All-AF Apollo 15 meets 1961 goal. Bruce Callander. AF Times 32:13 Aug 11 '71

Apollo 13: Revised data. Spaceflight 13:132 Apr '71

Apollo 14. illus Interavia 26:383-385 Apr '71

Apollo 14: A visit to Fra Mauro. David Baker. illus tabs Spaceflight pt 1, 13:164-169 May '71; pt 2, 13:210-212 June '71; pt 3, 13:373-376 Oct '71

Apollo 14 food system. Malcolm C. Smith, Jr and others. illus tabs Aerosp Med 42:1185-1192 Nov '71

Apollo 14 mission summary. tab Spaceflight 13:53 Feb '71

Apollo 14 success. illus Interavia 26:267 Mar '71

Apollo 15 landing site. Space World H-2-86:45 Feb '71

Apollo 15: Risky but rewarding. illus Interavia 26:1023-1024 Sep '71

Apollo 15--suit tests to avoid Soyuz setback. AF Times 31:40 Aug 4 '71

SPACE PROJECT - ContinuedApollo - Cont'd

- Apollo 15 timeline. tab Space World H-8-92:36 Aug '71
- Apollo 16 site selection. Space World H-11-95:44+ Nov '71
- Apollo: An assessment. (Interview with Rocco A. Petrone) illus Space World H-8-92:4-7 Aug '71
- Apollo optical bar panoramic camera. illus (Also cutaway) Space World H-11-95:16-23 Nov '71
- Apollo seismic experiments. J.E. Davies. illus tab Spaceflight 13:370-373 Oct '71
- Astronaut to set off explosions in search for water on the moon. Space World H-4-88:43 Apr '71
- Biochemical and physiological consequences of the Apollo flight diet. E.W. Hander and others. tabs Aerosp Med 42:1192-1195 Nov '71
- Calcium, potassium, and iron loss by Apollo 7, 8, 9, 10 and 11 astronauts. R.L. Brodzinski and others. illus tabs Aerosp Med 42:621-626 Jun '71
- Crew of Apollo 15 given DSM award (and others cited). AF Times 32:48 Oct 13 '71
- Decade in space: Man to the moon. AF Times 31:13 May 19 '71
- Docking the Apollo. illus (Also cutaways) Space World H-5-89:41-45 May '71
- (Dr Harrison H.) Schmitt earned AF wings--civilian astronaut flies jets. AF Times 32:24 Sep 15 '71
- Drama of Apollo 14 moon landing depicted. Pictorial. Space World H-7-91:28-29 Jul '71
- Electrophoresis demonstration planned for Apollo 14. illus (Also cutaway) Space World H-4-88:28-30 Apr '71
- Expedition to Hadley-Apennine. David Baker. illus Spaceflight pt 1, 13:358-362+ Oct '71; pt 2, 13:431-435 Nov '71; pt 3, 13:468-470 Dec '71
- 'Firsts' seen in Apollo 15. AF Times 31:59 Jul 7 '71
- Hardware for Apollo 15 extends exploring range. AF Times 31:51 Jul 21 '71
- How Apollo spacecraft find their way to the moon. illus Space World H-5-89:16-22 May '71
- Luna 16 moon samples. illus Spaceflight 13:54-55 Feb '71
- Lunar Roving Vehicles. illus Space World H-12-96:12-25 Dec '71
- Lunar soil mechanics. Maj Stewart W. Johnson and W. David Carrier III. illus Mil Engr 63:324-328 Sep-Oct '71
- Major AFA award (Schilling Trophy) earned by Apollo 15 (crew, Dr John S. Foster to receive H.H. Arnold Trophy, and Rep F. Edward Hebert to receive Vandenberg Trophy). AF Times 32:19 Sep 15 '71
- (Maj Stuart A.) Roosa, 6th AF pilot, set for moon shot. AF Times 31:2 Jan 6 '71
- Mission to Hadley-Apennine (landing site for Apollo 15). illus Spaceflight 13:45-46 Feb '71
- The modified cryogenic oxygen tanks for Apollo 14. illus (Also cutaways) Space World H-6-90:14-17 Jun '71
- Moon found serene despite monthly quakes. Spaceflight 13:458 Dec '71

SPACE PROJECT - ContinuedApollo - Cont'd

- NASA's manned space flight network. illus Space World H-4-88:31-33 Apr '71
- On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71
- Preliminary examination of the Apollo 12 lunar samples. J.E. Davies. tab Spaceflight 13:24-29 Jan '71
- Selecting the way to the moon: The choice of the lunar orbital rendezvous mode. John M. Logsdon. illus Aerosp Hist 18:63-70 Jun '71
- Space giants (U.S. and USSR) face the future. H.T. Simmons. illus (Also cutaway) Interavia 26:824-828 Jul '71
- Suicide squad spells survival to Apollo 14 astronauts awaiting blastoff. SP4 Tom Bailey. illus Army Dig 26:12-21 Apr '71
- Take-off for the moon. (Departure of Apollo 14 with astronauts Alan B. Shepard, Jr, Edgar G. Mitchell, and Stuart A. Roosa, Jan 31, 1971) Pictorial. Space World H-5-89:23-29 May '71
- Telecommunications aboard Apollo. David Baker. illus Spaceflight 229-231 Jun '71
- Telescopic observations of lunar missions. J.O. Cappellari, Jr and W.I. McLaughlin. illus tab Spaceflight 13:363-367 + Oct '71
- Three days on the moon. illus map Interavia 26:1121-1123 Oct '71
- 2 on Apollo 14 get hike; Shepard star rumored. AF Times 31:2 Feb 24 '71
- USAF communications support for Apollo 14. illus Signal 25:29-32+ Jul '71
- Walk on the moon. Interview. Col James Irwin. illus Aerosp Safety 27:2-5 Nov '71

Early Bird

- (Pioneer Early Bird satellite) Signal 25:169 Jun '71

Explorer

- (Eighth spacecraft in Interplanetary Monitoring Platform (IMP) program) Signal 25:68 May '71
- Explorer 43. illus tab Space World H-6-90:36-42 Jun '71

LEM

- See Space Project--Lunar Module

LM

- See Space Project--Lunar Module

Lunar Module

- Docking the Apollo. illus (Also cutaways) Space World H-5-89:41-45 May '71
- Expedition to Hadley-Apennine. David Baker. illus Spaceflight pt 1, 13:358-362+ Oct '71; pt 2, 13:431-435 Nov '71; pt 3, 13:468-470 Dec '71
- On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71
- Mariner
- Einstein theory upheld. Space World H-4-88:24 Apr '71
- Kepler's laws & the Mars orbiters. John R. Millburn. illus tab Spaceflight 13:422-426 Nov '71

SPACE PROJECT - ContinuedMariner - Cont'd

- The manned exploration of Mars. David Dooling, Jr. illus Spaceflight 13:198-202 Jun '71
- Mariner Mars 1971 launches. illus (Also cutaways) Space World H-7-91:11-27 Jul '71
- Mars is nearing Earth. Musa Y. Qutub. illus tab Space World H-7-91:4-10 Jul '71
- The Mars tracking station (Goldstone 210). (Reprinted from Flying A, April 1971) illus Space World H-8-92:21-23 Aug '71
- NASA explores the solar system. David Baker. illus tab Spaceflight 13:42-45 Feb '71
- The 1971 Mariner Mars spacecraft. A. A. J. Hooke. illus Spaceflight 13:408-421 Nov '71
- Orbiters to Mars. David Baker. illus tabs Spaceflight 13:187-192 May '71

Nimbus

- Nimbus gathers balloon data. Spaceflight 13:52 Feb '71

Pioneer

- NASA explores the solar system. David Baker. illus tab Spaceflight 13:42-45 Feb '71

Saturn

- Saturn 5. David Baker. tab illus (Also cutaways) Spaceflight pt 1, 13:16-22 Jan '71; pt 2, 13:61-65 Feb '71; pt 3, 13:100-107 Mar '71

Scout

- German-U.S. barium-ion cloud experiment. tabs Space World H-7-91:42-43 Jul '71
- Planetary Atmosphere Experiments Test (PAET). map illus (Also cutaway) Space World H-9-93: 28-34 Sep '71

Skylab

- Manned space laboratory airlock passes pre-flight tests. illus Space World H-3-87:38-39 Mar '71
- Photography in space: Past, present and future. H. J. P. Arnold. illus Signal 26:30-33 Oct '71
- Skylab. David Baker. illus tab Spaceflight 13:335-337 Sep '71
- Skylab probes to stress 'earth resources.' AF Times 31:21 Feb 10 '71
- Skylab program logistics. Earl W. Barr. illus Def Trans J 27:42-44 Jul-Aug '71
- Skylab--the 12-man orbiting space station. illus (Also cutaway) Space World H-3-87:4-6 Mar '71
- Skylab X-ray telescope. illus (Also cutaway) Spaceflight 13:124 Apr '71
- Space in the seventies. Thomas O. Paine. illus Ordnance 55:328-330 Jan-Feb '71

Surveyor

- Lunar soil mechanics. Maj Stewart W. Johnson and W. David Carrier III. illus Mil Engr 63:324-328 Sep-Oct '71

Viking

- NASA explores the solar system. David Baker. illus tab Spaceflight 13:42-45 Feb '71

SPACE RESEARCHSee also

- Space--International Aspects
Space--Medical Applications
Space Medicine
Space Programs
also projects under specific name, e. g.,
Space Project--Apollo

Advances in space research and technology. (Report on British Interplanetary Society Symposium, University College, London, Sep 16-17, 1970) John Millburn. Spaceflight 13:78-80 Feb '71

Aeronautical satellite. Spaceflight 13:92-93 Mar '71

Aerospace review. Regular feature in issues of Aerospace International

Applications satellites. (British Interplanetary Society Symposium, Southampton University, England, April 14-15, 1971) John Millburn. Spaceflight 13:305-308 Aug '71

Our commitment to space. K. A. Enricke. illus Spaceflight 13:82 Mar '71

Soviet-American co-operation in space. Interavia 26:218 Mar '71

Space meteorology. Space World H-7-91:33-35 Jul '71

Space report. Regular feature in issues of Spaceflight

'Spin-offs' to progress. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) Al Behnke. Elect Warfare 3:12+ Summer '71

Commercial Applications

Harvest from space. Henry Simmons. illus Spaceflight 13:442-445 Dec '71

More mileage than programmed from military R&D (at Air Force Materials Laboratory). Alan M. Lovelace. illus AU Rev 22:14-23 Mar-Apr '71

Space--double indemnity for our future. (Address, Beverly Hills Rotary Club, Los Angeles, May 10, 1971) Prepared for LtGen S. C. Phillips; delivered by BrigGen R. A. Duffy. AF Plcy Ltr for Comdrs: Sup No. 7:2-8 Jul '71

Technology, national security and domestic progress. (Remarks, Commonwealth Club of California Meeting, San Francisco, Feb 19, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 4:2-8 Apr '71

Technology of space program carries spinoffs for medicine. illus Aerosp Med 42:1352-1354 Dec '71

Equipment

Automatic devices for space exploration. V. Shvarev and V. Bulekov. Space World H-1-85:33-37 Jan '71

The case for space automation. Boris Petrov. Space World H-3-87:36-37 Mar '71

Canada

Canadian launch facilities. J. A. Tarzwell. illus Spaceflight 13:225-226 Jun '71

Europe, Western

The major European space organisations. Interavia 26:701-702 Jun '71

Russia

Luna 16 moon samples. illus Spaceflight 13:54-55 Feb '71

SPACE RESEARCH - ContinuedRussia - Cont'd

- Moon samples by automation. Kenneth W. Gatland. illus (Also cutaway) Spaceflight 13:2-5+ Jan '71
- The moon: Traveling on wheels. (Lunar self-propelled roving vehicle Lunokhod 1) Yuri Marinin. illus Space World H-4-88:25-27 Apr '71
- 1970: A Soviet space year. K. L. Plummer. illus tab Spaceflight 13:175-179 May '71
- Russian report. Space World H-12-96:40-42+ Dec '71
- (Russia's experiment with the world's first space station) LtGen Ira C. Eaker, Ret. AF Times 31:13 Jul 21 '71
- Salyut. Kenneth W. Gatland. illus Spaceflight 13: 338-340 Sep '71
- Self-propelled vehicle on the moon. V. Petrov. illus Soviet Mil Rev No. 1:10-11 Jan '71
- Soviet research in space medicine. Vasily V. Parin and Fyodor Kosmolinsky. Aerosp Med 42:339-340 Mar '71
- Towards East-West space co-operation. (Agreement between the USSR Academy of Sciences and NASA) illus Spaceflight 13:278-281 Aug '71
- (A tragic and totally unexpected end to the Salyut mission) Interavia 26:900 Aug '71

United States

- 'Cannon, Musket' (scientific satellites) to probe density. AF Times 31:38 Jun 30 '71
- Electrophoresis demonstration planned for Apollo 14. illus (Also cutaway) Space World H-4-88:28-30 Apr '71
- The importance of space exploration. Carl R. Konkel. Space World H-4-88:44-45 Apr '71
- News from the world of space exploration. Regular feature in some issues of Space World
- The potential of earth applications of satellites. (Address, AFCEA, Washington, June 8, 1971) Leonard Jaffe. Signal 25:48-49 Aug '71
- R&D: Key to our nation's strength. (Remarks, Instrument Society of America, Philadelphia, Oct 26-29, 1970) David Packard. Signal 25:6-8 Mar '71
- Space--double indemnity for our future. (Address, Beverly Hills Rotary Club, Los Angeles, May 10, 1971) Prepared for LtGen S. C. Phillips; delivered by BrigGen R. A. Duffy. AF Plcy Ltr for Comdrs: Sup No. 7:2-8 Jul '71
- Technology of space program carries spinoffs for medicine. illus Aerosp Med 42:1352-1354 Dec '71
- Telescope in a balloon--how it works. illus (Also cutaways) Space World H-11-95:4-10 Nov '71

United States--Air Force

- The Air Force and the space transportation system. LtCol Donald L. Steelman. illus AU Rev 22:34-41 Jan-Feb '71
- Predictive testing for advanced Air Force systems. (Address, National Symposium on Predictive Testing, Anaheim, Calif, April 21, 1971) Col Richard G. Rummy. AF Plcy Ltr for Comdrs: Sup No. 7:9-14 Jul '71

SPACE RESEARCH - ContinuedUnited States--National Aeronautics and Space Administration

- Apollo 14 mission summary. tab Spaceflight 13:53 Feb '71
- Benefits from space. Space World H-9-93:39-40 Sep '71
- Biosatellite 3 results; program conducted by the Space Biology Laboratory, Brain Research Institute, University of California, Los Angeles, supported by the National Aeronautics and Space Administration. W. R. Adey and others. illus Aerosp Med 42:271-313 Mar '71
- Einstein theory upheld. Space World H-4-88:24 Apr '71
- Experimental biology of extreme environments and its significance for space bioscience. S. M. Siegel. illus tab Spaceflight pt 1, 12:128-130 Mar '70; pt 2, 12:256-259 Jun '70; pt 3, 13:183-186+ May '71
- Lead--the "Clydesdale" workhorse in space. illus (Also cutaway) Space World H-4-88:16-19 Apr '71
- Mission to Hadley-Apennine (landing site for Apollo 15). illus Spaceflight 13:45-46 Feb '71
- Moon found serene despite monthly quakes. Spaceflight 13:458 Dec '71
- NASA and progress. Frank R. Troutman. Elect Warfare 3:18+ Summer '71
- 1970: NASA records results. Space World H-5-89: 46-47 May '71
- Skylab. David Baker. illus tab Spaceflight 13:335-337 Sep '71
- Small satellites. Robert Elkins. illus tabs Signal 25:16-18 Jan '71
- Space station research. illus (Also cutaways) Space World H-1-85:4-12 Jan '71
- Towards East-West space co-operation. (Agreement between the USSR Academy of Sciences and NASA) illus Spaceflight 13:278-281 Aug '71

United States--National Oceanic and Atmospheric Administration

- Proposed space-weather experiment. illus Space World H-1-85:42-43 Jan '71

SPACE SHUTTLES see Space TransportersSPACE SIMULATORS

- Space station life support experiment. illus Space World H-3-87:7-9 Mar '71

SPACE STATIONSSee alsoSpace Project--Skylab

- Memoirs of a fireside astronaut. H. E. Ross. illus Spaceflight 13:47-51 Feb '71
- Modular space station. illus Spaceflight 13:96 Mar '71
- A modularized space station. Herman Henderickx. tab illus (Also cutaways) Spaceflight 13:341-343 Sep '71
- New industrial revolution in space. David Dooling, Jr. illus (Also cutaway) Spaceflight 13:449-453 Dec '71

SPACE STATIONS - Continued

- Orbital bases. illus tabs Spaceflight 13: entire issue Sep '71
- Orbiting station to provide direct benefits to earth. Space World H-3-87:20 Mar '71
- (Russia's experiment with the world's first space station) LtGen Ira C. Eaker, Ret. AF Times 31:13 Jul 21 '71
- The Salute--man's first manned orbital station. illus Space World H-9-93:4-8 Sep '71
- Salyut. Kenneth W. Gatland. illus Spaceflight 13: 338-340 Sep '71
- Skylab program logistics. Earl W. Barr. illus Def Trans J 27:42-44 Jul-Aug '71
- The Soviet space effort--an analysis. Foy D. Kohler and Dodd L. Harvey. illus AF Mag 54:54-59 Jun '71
- Space laboratory (Research and Applications Module (RAM)). illus NATO's Fifteen Nations 16:89 Jun-Jul '71
- Space platforms: Why they should be built. Anatoly A. Blagonravov. Space World H-8-92:34-35 Aug '71
- Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71
- Space station research. illus (Also cutaways) Space World H-1-85:4-12 Jan '71
- Space station situation report. David Baker. tabs illus (Also cutaways) Spaceflight pt 1, The North American Rockwell proposal. 13:318-334; pt 2, The McDonnell-Douglas proposal. 13:344-451 Sep '71

Design

- A modularized space station. Herman Henderickx. tab illus (Also cutaways) Spaceflight 13:341-343 Sep '71
- Skylab. David Baker. illus tab Spaceflight 13:335-337 Sep '71
- Skylab--the 12-man orbiting space station. illus (Also cutaway) Space World H-3-87:4-6 Mar '71
- Space station situation report. David Baker. tabs illus (Also cutaways) Spaceflight pt 1, The North American Rockwell proposal. 13:318-334; pt 2, The McDonnell-Douglas proposal. 13:344-451 Sep '71

EquipmentTesting

- Manned space laboratory airlock passes pre-flight tests. illus Space World H-3-87:38-39 Mar '71
- The Salute--man's first manned orbital station. illus Space World H-9-93:4-8 Sep '71

SPACE TAXIS see Space Transporters

SPACE TRANSPORTERS

- The Air Force and the space transportation system. LtCol Donald L. Steelman. illus AU Rev 22:34-41 Jan-Feb '71
- Cadets design space shuttle. AF Times 31:22 Jun 23 '71
- Civil acromedical standards for general-use aerospace transportation vehicles. Stanley R. Mohler and Siegfried J. Gerathewohl. tabs Aerosp Med 42:1116-1120 Oct '71

SPACE TRANSPORTERS - Continued

- Liftoff to economy--the space shuttle. Howard W. Cannon. (Reprinted from Aerospace, July 1971) illus Space World H-11-95:11-15 Nov '71
- A modularized space station. Herman Henderickx. tab illus (Also cutaways) Spaceflight 13:341-343 Sep '71
- NASA fights for the space shuttle programme. Interavia 26:1018 Sep '71
- Orbit-to-orbit shuttle takes shape. illus Space World H-1-85:38-39 Jan '71
- Periodic interplanetary orbits. T. Ransome. illus tab Spaceflight 13:72-73 Feb '71
- A schedule for the shuttle. David Baker. illus tab Spaceflight 13:454-455 Dec '71
- A set-back for the spaceshuttle. illus Interavia 26: 1360 Dec '71
- The space shuttle. Kenneth W. Gatland. tabs illus (Also cutaway) Spaceflight 13:158-163 May '71
- Space shuttle--Phase B: Engine program completed. illus Space World H-6-90:43-44 Jun '71
- Space shuttle seating. illus Spaceflight 13:135 Apr '71
- The shuttle: U.S.' airline into space. Interview. James C. Fletcher. illus AF Mag 54:53-55 Sep '71
- Space giants (U.S. and USSR) face the future. H. T. Simmons. illus (Also cutaway) Interavia 26:824-828 Jul '71
- The space shuttle program--a proposed Navy role. LCDR Preston E. Beck, Ret. illus map tab US Nav Inst Proc 97:103-104 Aug '71
- Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71
- Space station situation report. David Baker. tabs illus (Also cutaways) Spaceflight pt 1, The North American Rockwell proposal. 13:318-334; pt 2, The McDonnell-Douglas proposal. 13:344-451 Sep '71
- Space Transportation System (STS). (Address, Senate Committee on Aeronautical and Space Sciences, March 30, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 5:2-10 May '71
- USAF in space via the coming shuttle. William Leavitt. illus AF Mag 54:142-144 May '71
- U.S. faces bleak future in space: Is the space shuttle the answer? Leon Shloss. illus Govt Exec 3:66+ Oct '71
- U.S. Navy: Where are you? LCDR Preston E. Beck. illus US Nav Inst Proc 97:101-103 Apr '71

Testing

- Space shuttle research in Australia. illus (Also cutaways) Spaceflight 13:32 Jan '71

SPACE VEHICLES

- See also
Satellites, Artificial
Space Stations
Space Transporters
also space vehicles under project name, e.g.,
Space Project--Scout
- Problems of interstellar propulsion. Alan Bond. illus tabs Spaceflight 13:245-251 Jul '71

SPACE VEHICLES - ContinuedCooling Systems

See Space Vehicles--Environmental Control

Design

How the Vostok spaceship was developed. Fyodor Morev. illus Space World H-8-92:26-27 Aug '71

Planetary Atmosphere Experiments Test (PAET). map illus (Also cutaway) Space World H-9-93: 28-34 Sep '71

Skylab. David Baker. illus tab Spaceflight 13:335-337 Sep '71

Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71

Space station situation report. David Baker. tabs illus (Also cutaways) Spaceflight pt 1, The North American Rockwell proposal. 13:318-334; pt 2, The McDonnell-Douglas proposal. 13:344-451 Sep '71

Environmental ControlSee also

Space Vehicles--Life Support Systems

Role of anthropology in Air Force systems. Milton Alexander and others. illus tabs Aerosp Med 42: 388-393 Apr '71

Fires and Fire Prevention

Suicide squad spells survival to Apollo 14 astronauts awaiting blastoff. SP4 Tom Bailey. illus Army Dig 26:12-21 Apr '71

Ground-Support Equipment

Suicide squad spells survival to Apollo 14 astronauts awaiting blastoff. SP4 Tom Bailey. illus Army Dig 26:12-21 Apr '71

Guidance and Control

How Apollo spacecraft find their way to the moon. illus Space World H-5-89:16-22 May '71

LandingSee also

Space Project--Lunar Module

Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71

Launching

Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71

Suicide squad spells survival to Apollo 14 astronauts awaiting blastoff. SP4 Tom Bailey. illus Army Dig 26:12-21 Apr '71

Life Support Systems

Civil aeromedical standards for general-use aerospace transportation vehicles. Stanley R. Mohler and Siegfried J. Gerathewohl. tabs Aerosp Med 42:1116-1120 Oct '71

Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71

Orbits

Selecting the way to the moon: The choice of the lunar orbital rendezvous mode. John M. Logsdon. illus Aerosp Hist 18:63-70 Jun '71

SPACE VEHICLES - ContinuedPower Supply

New modular space power system under study. illus Space World H-7-91:36-37 Jul '71

Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71

Recovery

U.S. Navy: Where are you? LCDR Preston E. Beck. illus US Nav Inst Proc 97:101-103 Apr '71

Re-entry

Planetary Atmosphere Experiments Test (PAET). map illus (Also cutaway) Space World H-9-93: 28-34 Sep '71

Reliability

Reliability of automation versus manned spaceflight. Boris Evseev. Space World H-8-92:31-33 Aug '71

Rendezvous and Docking

Docking the Apollo. illus (Also cutaways) Space World H-5-89:41-45 May '71

The Salute--man's first manned orbital station. illus Space World H-9-93:4-8 Sep '71

Salyut. Kenneth W. Gatland. illus Spaceflight 13: 338-340 Sep '71

Selecting the way to the moon: The choice of the lunar orbital rendezvous mode. John M. Logsdon. illus Aerosp Hist 18:63-70 Jun '71

Visibility problem in docking. illus Space World H-3-87:21 Mar '71

Safety Measures

The protection of astronauts against solar flares. P.M. Molton. illus tab Spaceflight 13:220-224 Jun '71

Tracking

Cameras for Spacetrack. Maj Ralph B. Holtmann. illus tabs Mil Engr 63:44-45 Jan-Feb '71

How satellites are tracked and data acquired. illus Space World H-8-92:10-13 Aug '71

The Mars tracking station (Goldstone 210). (Reprinted from Flying A, April 1971) illus Space World H-8-92:21-23 Aug '71

Planetary Atmosphere Experiments Test (PAET). map illus (Also cutaway) Space World H-9-93: 28-34 Sep '71

Telescopic observations of lunar missions. J. O. Cappellari, Jr and W. L. McLaughlin. illus tab Spaceflight 13:363-367+ Oct '71

SPAINDescription and Travel

Retirement abroad: Spain still low in cost. Bob Jones. map AF Times 31:28 Apr 28 '71

Foreign Policy

Spain and NATO. Eugene Hinterhoff. illus Mil Rev 51:39-44 Mar '71

Trends in Spanish foreign policy. E. Inman Fox. illus Nav War Col Rev 23:25-34 Feb '71

SPAIN - ContinuedForeign RelationsNATO

Spain and NATO. Eugene Hinterhoff. illus Mil Rev 51:39-44 Mar '71

Strategic Importance

NATO and Spain. Maj E. Hinterhoff. (Reprinted from NATO's Fifteen Nations, Apr-May 1970) Royal Air Forces Qtr 10:271-275 Winter '70

SPARE PARTS

Air Force parts control program. LtCol Gordon L. Carpenter. illus Def Ind Bul 7:26-29 Fall '71

Cost reduction: A by-product of well managed maintenance. H. R. Lopez. illus Log Spectrum 5:36-38 Winter '71

Facsimile transmission helps control procurement costs at McDonnell Douglas. C. B. Husti. illus Signal 25:108-109 Jun '71

Logistics alternatives and risks or living dangerously can be fun. Grace J. Kelleher. Log Spectrum 4: 9-13 Winter '70

Repair or throwaway--graphic screening techniques help supply the answer. James K. Segar. illus Log Spectrum 5:18-25 Fall '71

A repair part--or a funeral. Lt Walter H. Zimmers and CW3 Jonathan J. Hasbrouck. USA Avn Dig 17:28-30 Dec '71

Spare parts support for pre-production models. Joseph D. Patton, Jr. illus tabs Log Spectrum 5:14-18+ Spring '71

SPATIAL DISORIENTATION

Definition of orientation-error accidents. W. Carroll Hixson and others. illus USA Avn Dig 17:46-48 Mar '71

Distractions and disorientation in the night field landing pattern. illus Approach 16:2-7 Jan '71

Epidemiology of USAF spatial disorientation aircraft accidents, 1 Jan 1958-31 Dec 1968. Ferdinand Barnum and Robert H. Bonner. tabs Aerosp Med 42:896-898 Aug '71

Pilot reports of disorientation across 14 years of flight. Brant Clark. tab Aerosp Med 42:708-712 Jul '71

Pilot's vertigo. LtCol Russell B. Rayman. illus Aerosp Safety 27:6-8 Dec '71

Spatial orientation training. Robert L. Cramer. illus USAF Instrs J 8:25-28 Spring '71

Visual illusions. LtCol Donald G. Pitts, Ret. (Condensed from USAF Medical Service Digest, Sep 1969; reprinted from Interceptor, Dec 1970) illus USA Avn Dig 17:16-21 May '71

What is flicker vertigo? David T. Forbes, Jr. USA Avn Dig 17:52-55 Dec '71

SPECIAL AIR WARFARE CENTER see Special Operations ForceSPECIAL DUTY PAY

Big changes proposed in special pays. Bob Schweitz. AF Times 32:1+ Dec 29 '71

Combat zone tax benefits. TIG Brief 23:8 Jan 15 '71

SPECIAL EXPERIENCE IDENTIFIERS see Personnel Classification--Air Force--U.S.SPECIAL FORCES

Green Beret Guardsmen "get around." illus Natl Guardsman 25:14-15 Jan '71

Montagnards (Vietnamese tribesmen) become Rangers. Maj Thomas M. Johnson. illus Infantry 61:50-51 Jul-Aug '71

Special Forces handle multiple missions--guerrilla warfare, civic action, Army Training Tests. SP4 Earle Holland. illus Natl Guardsman 25:16-17+ Dec '71

SPECIAL OPERATIONS FORCE

SOF celebrates 10th anniversary. A1C John L. Hesse. AF Times 31:58 May 5 '71

SOS (Special Operations School)--counter to communism. illus AF Times 31:24 Jan 6 '71

Special Forces troopers test skills. Capt Reece Stein. illus Natl Guardsman 25:36-37+ Nov '71

319th (Special Operations Sq) battles bugs--multiple mission outfit. illus AF Times 32:30 Oct 6 '71

SPECIAL WARFARE see Unconventional WarfareSPECIALISTS see Manpower, TechnicalSPEECH

Compressed speech. Capt Charles J. Nath III and Meredith W. Watts, Jr. USAF Instrs J 9:15-21 Summer '71

SPIES AND SPYING

Spying, objector weighed (by Supreme Court). AF Times 32:58 Dec 1 '71

Target for espionage. TIG Brief 23:21 Sep 10 '71

U.K. and spies. LtGen Ira C. Eaker, Ret. AF Times 32:13 Oct 27 '71

Zionism's espionage network. Col N. Nikitin. Soviet Mil Rev No. 3:53-55 Mar '71

SPONSOR PROGRAMS

Military sponsor program. TIG Brief 23:8 Jan 29 '71

Sponsorship program eases PCS moves. TIG Brief 23:11 Jun 18 '71

SPORTS

CISM (Conseil International du Sport Militaire)--world brotherhood of sport. William G. McNamara. illus tab Soldiers 26:23-27 Jun '71

The Marine as an athlete. William P. Marley and Capt J. T. Fisher. MarCor Gaz 55:52-53 Mar '71

NG choppers support World Cup Ski Competitions. Maj Albert J. White, Jr. illus USA Avn Dig 17: 34-35 Jul '71

Orienteering: Sport for Marines. LtCol Arne N. Lundell. illus maps MarCor Gaz 55:24-27 Jun '71

Over the mountains and through the woods. (Orienteering) William Spriegel. illus Army Dig 26:42-45 May '71

TH (Team Handball)--something new in sports. SP4 William Wanlund. illus Army Dig 26:15-19 May '71

SPRUANCE, Raymond A.

ADM Raymond A. Spruance and the Naval War College. LCDR Thomas B. Buell. por Nav War Col Rev pt 1, Preparing for World War II. 23:30-51 Mar '71; pt 2, From student to warrior. 23:29-53 Apr '71

SPRUANCE, Raymond A. - Continued

Spruance returns to Naval War College--his precepts applied to Nixon doctrine and blue water strategy.
CDR J. F. McNulty. por Navy 14:27-30 Feb '71

SQUADRON OFFICER SCHOOL

Eligibility for attending Squadron Officer School (SOS)
TIG Brief 23:6 Aug 6 '71

Enrollees increase at SOS. AF Times 32:9 Nov 3 '71

SOS class totals 688. AF Times 31:8 Feb 3 '71

SOS opens doors to o'sea officers. AF Times 31:2
Jul 28 '71

Squadron (Officer) School enrollment rises. AF
Times 31:25 May 26 '71

Squadron Officer School, junior officers and you.
Col Arthur R. Moore, Jr. illus AU Rev 22:34-44
Sep-Oct '71

Truong Chi-Huy va Tham-Muu. Maj Albert D. Mc-
Joynt and others. illus AU Rev 22:49-55 Jan-
Feb '71

STAATS, Elmer B.

Potentials for management improvement. (Adapted
from address, Federal Management Improvement
Conference, Washington, Sep 21, 1970) Elmer B.
Staats. por Def Mgt J 6:6-10 Feb '71

STAFF COLLEGESAir Force--Germany (Federal Republic)

A comparison of professional military educational
systems. LtCol William Bruenner. illus AU Rev
22:53-62 Mar-Apr '71

Air Force--Great Britain

A comparison of professional military educational
systems. LtCol William Bruenner. illus AU Rev
22:53-62 Mar-Apr '71

The new (RAF) Staff College. SqLdr P. L. Quin. illus
Hawk No. 31:68-71 Feb '70

The passing of the Royal Air Force Staff College,
Andover (Eng). ACM Ronald Ivelaw-Chapman, Ret
and Air Commodore J. A. G. Jackson. illus Hawk
No. 31:63-67 Feb '70

Air Force--U. S.

See also colleges by name, e. g.,
Air War College

ANG school slots open for selectees. AF Times 31:3
Mar 10 '71

A comparison of professional military educational
systems. LtCol William Bruenner. illus AU Rev
22:53-62 Mar-Apr '71

Enrollment at pre-SEA levels due (at Service Schools)
AF Times 31:3 Jan 20 '71

500 named for Senior Schools. AF Times 32:5
Oct 27 '71

(Intermediate Service) Schools tab 632 majors-elect.
tab AF Times 31:4 Mar 3 '71

Mid-level school 'extras' given 50% entry chance.
AF Times 31:6 Jan 6 '71

Senior School entrance widens--some temp O-6
selectees vie. AF Times 32:4 Sep 15 '71

STAFF COLLEGES - ContinuedAir Force--Vietnam (Republic)

Truong Chi-Huy va Tham-Muu. Maj Albert D. Mc-
Joynt and others. illus AU Rev 22:49-55 Jan-
Feb '71

Armed Forces

AF names 401 for Senior Service Schools. tabs
Armed Forces J 108:15+ Jan 4 '71

(Intermediate Service) Schools tab 632 majors-elect.
tab AF Times 31:4 Mar 3 '71

696 set to enter mid-level (Intermediate Service)
Schools. tabs AF Times 31:10 Apr 7 '71

347 selected for Senior (Service) Schools. tabs AF
Times 31:6 Feb 3 '71

Armed Forces--Great Britain

Military history or war studies? MajGen E. K. G.
Sixsmith. Army Qtr 101:437-444 Jul '71

National Defence College. Air Commodore R. H.
Crompton. illus Royal Air Forces Qtr 11:97-101
Summer '71

Armed Forces--U. S.See also

Industrial College of the Armed Forces
Inter-American Defense College

AF names Service College students. tabs Armed
Forces 108:14+ Feb 15 '71

(Intermediate Service) Schools tab 632 majors-elect.
tab AF Times 31:4 Mar 3 '71

696 set to enter mid-level (Intermediate Service)
Schools. tabs AF Times 31:10 Apr 7 '71

347 selected for Senior (Service) Schools. tabs AF
Times 31:6 Feb 3 '71

Army--Great Britain

The Staff College, the General Staff and the test of
war, 1914-1915. (Condensation of final chapter
from A School of Thought: The Staff College and
the Development of the British Army, 1854-1914)
Brian Bond. Royal United Svcs Inst for Def Studies
J 116:38-43 Sep '71

Army--U. S.

See also colleges by name, e. g.,
Army War College

Navy--U. S.

See also colleges by name, e. g.,
Naval War College

STAFF OFFICERS

Optimizing the staff. Col Robert I. Felch. illus Mil
Rev 51:3-10 Jun '71

Air Force

Management advisory role of the wing/base level
comptroller. LtCol R. K. Baliles. illus AF Compt
5:22-23 Nov '71

Armed Forces

The creation of the British General Staff, 1904-1914.
John Gooch. illus Royal United Svcs Inst for Def
Studies J 116:50-53 Jun '71

STAFFS, MILITARYSee also

Air Staff
Army General Staff
Joint Chiefs of Staff

Optimizing the staff. Col Robert I. Felch. illus Mil Rev 51:3-10 Jun '71

The Staff College, the General Staff and the test of war, 1914-1915. (Condensation of final chapter from A School of Thought: The Staff College and the Development of the British Army, 1854-1914) Brian Bond. Royal United Svcs Inst for Def Studies J 116:38-43 Sep '71

History

The creation of the British General Staff, 1904-1914. John Gooch. illus Royal United Svcs Inst for Def Studies J 116:50-53 Jun '71

STANDARD OF LIVING see Cost and Standard of Living

STANDARDIZATION

Air Force parts control program. LtCol Gordon L. Carpenter. illus Def Ind Bul 7:26-29 Fall '71

Army's (MajGen George E.) Pickett: "We're taking a calculated risk." illus Govt Exec 3:32 Aug '71

Automation for effective telecommunications. James W. Madden. illus Signal 26:11-13 Nov '71

The Cost Accounting Standards Board--background, operation and status. Arthur Schoenhaut. illus Armed Forces Compt 16:22-25 Fall '71

(Implementation program for standardizing electronic parts) Signal 26:52-53 Nov '71

The metric system and you. Cornelius C. Morelli. illus Translog 2:6-7+ Jul '71

Microfilm: Government under the gun. illus Govt Exec 3:14-15 May '71

More communications for the DOD dollar. (Address, AFCEA, Washington, June 10, 1971) Barry J. Shillito. illus Signal 25:24-26 Aug '71

A progress report: DOD standard data element and data code program. Mildred L. Bailey. illus tabs Def Ind Bul 7:17-20 Summer '71

Serious compatibility problems in computer networking challenge NBS, industry. Samuel Stafford. illus Govt Exec 3:64-66 Jul '71

Signal interviews the military communicators. RADM Francis J. Fitzpatrick and MajGens Gordon T. Gould, Jr and George E. Pickett. illus Signal 25: 80-82+ Jun '71

Specification analysis sheet. TIG Brief 23:15 May 21 '71

Standardization. (Interview with Col Dick E. Roach) illus USA Avn Dig 17:24-27 Mar '71

Standardizing Army logistics. illus Translog 2:2-5 Nov '71

U.S. prepares to convert to the metric system of measurement. Leon Shloss. tab Govt Exec 3:40-41 Dec '71

STANDARDS OF CONDUCT

Employee responsibility and conduct. TIG Brief 23:13 Oct 8 '71

Guide (AFR 30-1) issued on standards. Bruce Callander. AF Times 31:1+ Jul 28 '71

STANDARDS OF CONDUCT - Continued

Handy guide details 'standards' (AFR 30-1). AF Times 31:1+ Aug 4 '71

Military standards of behavior. (AFR 30-1) TIG Brief 23:1-2 Jul 23 '71

Public law and the military commander: Responsibility and authority. (Address, Patrol Sq 26 Change of Command, 1971?) VADM Gerald E. Miller. illus Nav War Col Rev 24:21-26 Oct '71

Punishment guide (AFR 40-750) issued for AF civilians. AF Times 32:40 Oct 13 '71

STANS, Maurice H.

Commerce takes a new stance--under Stans. Interview. Maurice H. Stans. por Govt Exec 3:34-36+ Aug '71

STAPLETON, Carl W.

USAF Security Service. por AF Mag 54:117-118 May '71

STATE DEPT

Facing changed (economic) circumstances. Bruce W. Rohrbacher. illus Govt Exec 3:22-24 Dec '71

State Department plugs U.S. shipbuilding. Armed Forces J 108:18-19 May 17 '71

Systems analysis: A missing element in foreign policy planning. (Research paper, School of Naval Warfare) Richard F. Norford. Nav War Col Rev 23: 81-100 Jan '71

Organization

President proposed 'major transformation' of military aid programs. Armed Forces J 108:14 May 3 '71

STATISTICS

Here are entered articles on statistical theory and methods. For statistical information on a specific subject see the subdivision Statistics under the specific subject.

Analysis--or what do the figures mean? TIG Brief 23:2 Oct 8 '71

TAMMS (The Army Maintenance Management System)--a streamlined approach to an old problem. LtCol Paul F. Anderson and L. W. Roy. illus tab Army Log 3:14-17+ May-Jun '71

STATUS OF FORCES AGREEMENTS

Non-criminal matters under the Status Of Forces Agreement (SOFA) with the Federal Republic of Germany. Richard S. Schubert. illus AF JAG L Rev 12:298-306 Fall '70

Official duty cases under status of forces agreements: Modest guidelines toward a definition. Will H. Carroll. illus AF JAG L Rev 12:284-289 Fall '70

STEAM PLANTS

Environmental impact of power plants. Maj Robert E. Donovan. illus tab Mil Engr 63:5-8 Jan-Feb '71

STEINKRAUS, Lawrence W.

Command and control. BrigGen Lawrence W. Steinkraus. illus Ordnance 55:440-443 Mar-Apr '71

STENNIS, John C.

Some thoughts on national security issues in the decade ahead. (Address, National Security Seminar, Jackson, Miss, Jan 11, 1971) John C. Stennis. Persp in Def Mgt, pp 41-44, Autumn '71

Zero draft 'impossible'--Stennis' view. Bob Horowitz. AF Times 31:6 Jan 27 '71

STEVENS, Albert W.

Our first long step into space. (National Geographic Society's balloon flights, 1934-1935) LtCol John H. Scrivner, Jr. illus AF Mag 54:58-64 Oct '71

The saga of Explorer 1: Man's pioneer attempts to reach space. William E. Kepner and John H. Scrivner, Jr. por Aerosp Hist 18:123-128 Sep '71

STEWART, James T.

The B-1 bomber: Does American survival hinge on it? Interviews. MajGen Douglas T. Nelson and others. por Govt Exec 3:53-54 Oct '71

STIMSON, Henry L.

Secretary Stimson and the Army reforms, 1911-1913. F. Gunther Eyck. por Parameters 1:19-28 Spring '71

STOCKPILING

A new national policy for materials. Franklin Pierce Huddle. Mil Engr 63:157-158 May-Jun '71

STONE, Paul R.

Air Force Communications Service. por AF Mag 54:112-116 May '71

Flying general finds early seafarers' maps. illus AF Times 32:32 Oct 6 '71

STORAGE

Credit card warehouse. LtCol O. P. Snyder, Jr. illus Army Log 3:30-34 Jan-Feb '71

D.H. Overmyer's European expansion. Richard Mahon. map illus Def Trans J 27:41-43 Mar-Apr '71

Storage areas or disaster areas? TIG Brief 23:2 Sep 10 '71

Storage of HHG after expiration of entitlement period. TIG Brief 23:15 Apr 9 '71

Their forte: Worthy service. Capt William M. Hemlepp. illus Translog 2:19-20 Feb '71

STRAINS AND STRESSES

Aircraft structural fatigue life program. illus Approach 17:42-45 Oct '71

Report of a rapid decompression of a Boeing 707. Sean O'Quigley. illus Aerosp Med 42:1229-1230 Nov '71

The sky is falling. (Dropped object) illus tab MAC Flyer 18:12-15 Nov '71

STRAIT OF MALACCAStrategic Importance

Strait is the way Russia moves to control the narrow places. Lawrence Griswold. illus maps Sea Power 14:11-17 Oct '71

STRATEGIC AIR COMMAND

Air Force announces base adjustments. AF Plcy Ltr for Comdrs: Sup No. 6:31-32 Jun '71

B-52 'satellites' expand facilities. AF Times 31:3 Apr 28 '71

Birthday marked by SAC. AF Times 31:11 Mar 10 '71

CEG (Combat Evaluation Group) is coming. Col Alvin E. Prothero and Capt Edward J. Burke. illus Combat Crew 22:12-15 Mar '71

The combat commands (ADC, SAC, and TAC) mark 25 years. illus AF Mag 54:61-63 Mar '71

Command and control. BrigGen Lawrence W. Steinkraus. illus Ordnance 55:440-443 Mar-Apr '71

Data for deterrence. MajGen William C. Garland. illus Combat Crew 22:2+ Oct '71

Discipline. (The experience level within the B-52 and KC-135 crew force considerably less than SAC has had in past years) Col Wm. P. Armstrong. illus Combat Crew 22:19-21 Dec '71

Evolution of communications systems. (Address, AFCEA, Washington, June 9, 1971) Col Howard E. McCormick. Signal 25:61-63 Aug '71

LeMay presents Blanchard Trophy (to Whiteman 351st Strategic Missile Wg in 4th Annual SAC Missile Combat Competition, Vandenberg AFB, Calif, April 1971). illus AF Times 31:63 May 19 '71

Missile teams vie for (Blanchard) Trophy. AF Times 31:51 Apr 28 '71

351st (Missile Wg) holds Blanchard Trophy (from 4th annual SAC Missile Combat Competitions, Vandenberg AFB, Calif, April 1971). illus Combat Crew 22:22 Jun '71

Old Crows. (From paper, National Electronic Warfare Symposium, Anaheim, Calif, Oct 1970) Col Robert J. Thompson. illus Combat Crew 22:16-18 Feb '71

Olympic Arena '71. MajGen Gerald W. Johnson. illus Combat Crew 22:4-6 Apr '71

One of a kind--the SAC grout team. Capt William E. Craig. illus AF Civil Engr 12:14-16 Nov '71

Plush incentives offered for first-termers. AF Times 31:1+ Mar 17 '71

Restraining the data monster: The next step in C³ (Command, Control and Communications). George Weiss. illus Armed Forces J 108:26-29 Jul 5 '71

SAC boss lists vital weaponry. Interview. Gen Bruce K. Holloway. illus AF Times 31:15 Apr 7 '71

SAC fliers air their worries--stagnant careers, prolonged alerts. Jim Sample. illus AF Times 31:16 Mar 24 '71

SAC leaders attend session on drug use (at Drug Abuse and Race Relations Symposium, Norton AFB, Calif, Oct 1971). AF Times 32:26 Oct 20 '71

SAC picks 3 for PhD plan. AF Times 31:41 Jul 14 '71

SAC retains Blue Steel Trophy. WgComdr Philip J. Goodall. illus tabs Combat Crew 22:8-11+ Jun '71

SAC satellite base expansion reduced. AF Times 32:5 Aug 18 '71

SAC satellite plan adds 7 inland bases. AF Times 32:10 Aug 25 '71

SAC wins RAF meet. AF Times 31:17 May 19 '71

STRATEGIC AIR COMMAND - Continued

- SAC's (18th) bomb meet ("Giant Voice") begins at McCoy (AFB, Fla). AF Times 32:19 Dec 22 '71
- SNOW TIME (SAC/NORAD Operational Weapons Training/testing Involving Military Electronics) are good. Maj Morris C. Blumenthal, Jr. illus Combat Crew 22:12-15 Jun '71
- Spirit of Feud One-Six (Barksdale AFB's crew in the SAC Combat Competition). Ted R. Sturm. illus Airman 15:33-37 Mar '71
- Strategic Air Command. illus chart AF Mag 54:56-59 May '71
- Strategic Air Command: The "peace is our profession" corps. illus Contact 25:2-5 Sep-Oct '71
- The strategic frontier. Gen Bruce K. Holloway. Ordnance 55:526-528 May-Jun '71
- Three keys to base civil engineering productivity. BrigGen Archie S. Mayes. illus AF Civil Engr 12:14-15 Aug '71
- Tournament of champions (SAC Combat Competition). Ted R. Sturm. illus Airman 15:28-31 Mar '71
- Training by television. (SAC mobile television van) illus Airman 15:37-38 Oct '71
- Vandenberg (AFB, Calif) at the ready. Ed Morris and others. illus Combat Crew 22:16-22 Apr '71
- Whiteman (351st Strategic Missile Wg) wins Blanchard Trophy (in 4th annual SAC Missile Meet, Vandenberg AFB, Calif, April 1971). AF Times 31:26 May 12 '71
- Why Combat Crew? Maj R. J. Peisher. illus Combat Crew 22:4-7+ Jun '71
- Wings in competition (and Olympia Arena 1971 winners). illus Combat Crew 22:23+ Jun '71
- Wings prepare. LtCol B. R. Henderson. illus Combat Crew 22:8-14 Apr '71

History

- The combat commands (ADC, SAC, and TAC) mark 25 years. illus AF Mag 54:61-63 Mar '71

STRATEGIC ANTIBALLISTIC MISSILE INTERCEPT SYSTEM see Missile DefenseSTRATEGIC ARMS LIMITATION TALKS see Arms ControlSTRATEGIC COMMUNICATIONS COMMAND see Army Strategic Communications CommandSTRATEGIC FORCESRussia

- ASW--now or never. CAPT James A. Winnefeld and Carl H. Builder. illus US Nav Inst Proc 97:18-25 Sep '71
- Long-range planning for peace. (Address, Dayton Council on World Affairs, Dayton, Ohio, Jan 29, 1971) G. Warren Nutter. AF Plcy Ltr for Comdrs: Sup No. 3:8-13 Mar '71
- Soviet 'Backfire' strategic bomber revealed. illus tab Armed Forces J 109:23-24 Nov '71
- U.S. and USSR Strategic Forces. (Address, China National Aviation and American Volunteer Group Convention, San Diego, Calif, July 3, 1971) Gen Bruce K. Holloway. AF Plcy Ltr for Comdrs: Sup No. 9:20-28 Sep '71

STRATEGIC FORCES - ContinuedUnited States

- ASW--now or never. CAPT James A. Winnefeld and Carl H. Builder. illus US Nav Inst Proc 97:18-25 Sep '71
- Concepts for defense planning. (Excerpts from Defense Posture Statement) Melvin R. Laird. Def Ind Bul 7:5-8 Spring '71
- 'Expanded Poseidon' clouds ULMS picture. James D. Hessman and Benjamin F. Schemmer. Armed Forces J 108:16-17 Aug '71
- Force planning under the new strategy. (Excerpts from Defense Posture Statement) Melvin R. Laird. illus tabs Def Ind Bul 7:12-20 Spring '71
- Strategic deterrence: Rationale, negotiations, threat, and status. George Weiss. illus Armed Forces J 108:24-27 Jun 7 '71
- Strategic deterrence still top priority--funding about the same, weapons improved but not increased, future options kept open through research. Brooke Nihart. Armed Forces J 108:30 Feb 15 '71
- The strategic frontier. Gen Bruce K. Holloway. Ordnance 55:526-528 May-Jun '71
- The strategic triad. MajGen G. W. Johnson and others. illus Ordnance 55:343-346 Jan-Feb '71
- The synergy of the triad. Gen John C. Meyer. illus AU Rev 22:17-25 Sep-Oct '71
- U.S. and USSR Strategic Forces. (Address, China National Aviation and American Volunteer Group Convention, San Diego, Calif, July 3, 1971) Gen Bruce K. Holloway. AF Plcy Ltr for Comdrs: Sup No. 9:20-28 Sep '71
- Why not a unified strategic command? John L. Frisbee. illus AF Mag 54:36-40 Mar '71
- Will the B-1 suffer the fate of the SST? GAO and dissenting congressional group mount wrongheaded attacks. George Weiss. illus Armed Forces J 108:20-21 May 17 '71

STRATEGIC IMPORTANCE see as subdivision under specific country and geographical areaSTRATEGIC WARFARE

- The use of air power in Vietnam. AVM S. W. B. Menaul. illus Royal United Svcs Inst for Def Studies J 116:5-15 Jun '71

STRATEGYSee also as a subdivision under specific wars, e.g.,

- Vietnamese Conflict, 1957- --Strategy
World War II--Strategy
- Action and reaction in the nuclear arms race. Colin S. Gray. illus Mil Rev 51:16-26 Aug '71
- Defence against what? John C. Garnett. illus Royal United Svc Instn J 115:24-26 Dec '70
- The evolution of the philosophy of war. Col Antonio Pelliccia. illus NATO's Fifteen Nations 15:56-59+ Dec '70-Jan '71
- Future trends in global strategies. Brig K. Hunt. illus NATO's Fifteen Nations 15:66-71 Dec '70-Jan '71
- Interposition & intermingling. (Opinions of VADM's B. J. Semmes and David C. Richardson at a Navy League Seminar) Stephan A. Schwartz. illus Navy 14:17-21 Feb '71

STRATEGY - Continued

The irresistible weapon. Maj Theodore Vander Els. illus Mil Rev 51:80-90 Aug '71

Power, strategy, and will. Col Ralph L. Giddings, Jr. Ret. AU Rev 22:19-26 Jan-Feb '71

Seapower--the lower spectrum. CDR Charles W. Koburger, Jr. illus Mil Rev 51:62-68 Jun '71

Strategic "superiority" in superpower relations. Colin S. Gray. illus Mil Rev 51:8-21 Dec '71

Strategy: The essence of professionalism. RADM Henry E. Eccles, Ret. illus Nav War Col Rev 24:43-51 Dec '71

The use of seapower in countering the strategy of interposition. (Research paper, College of Naval Command and Staff, 1971) LCDR William M. Pitt. illus Nav War Col Rev 24:47-69 Sep '71

War: Limitations and national priorities. (Lecture, Naval War College, 1970) CDR James A. Barber, Jr. illus Nav War Col Rev 23:4-16 Jan '71

China (People's Republic)

China's strategic weakness. Neville Brown. (Revised from New Middle East, Dec 1970) illus Mil Rev 51:3-9 Nov '71

Great Britain

British Defence policy. Lord Carrington. illus Royal United Svc Instn J 115:2-10 Dec '70

East of Suez: Peril for the West. (Interview with Lord Carrington, Britain's Minister of Defense) Max B. Boyd. illus Govt Exec 3:43-45 Jan '71

Joint maritime operations and training in the 1970s. VAdm Ian McGeoch. illus Royal United Svc Instn J 115:11-18 Dec '70

The official opposition view of British defence policy. George M. Thomson. illus Royal United Svcs Inst for Def Studies J 116:16-21 Jun '71

History

The ten year rule. Peter Silverman. illus Royal United Svc Instn J 116:42-45 Mar '71

The ten-year rule--an unfinished debate. (Comment on article by P. Silverman, Royal United Service Institution Journal, March 1971) K. Booth. illus Royal United Svcs Inst for Def Studies J 116:58-63 Sep '71

JapanHistory

Japanese strategy in the Russo-Japanese War of 1904-5. Col Robert L. Kirwan. illus map Mil Rev 51:73-81 Feb '71

NATO

Army helicopters in Europe. Armed Forces J 108:22 Aug '71

The Atlantic Alliance: Its present problems and its aims. Nuri Birgi. NATO's Fifteen Nations 15:31-33+ Dec '70-Jan '71

The challenge in the North (of Europe). Gen Walter Walker. illus NATO's Fifteen Nations 16:44-50 Apr-May '71

A common Western nuclear doctrine? LtCol Marc E. Geneste, Ret. illus Mil Rev 51:3-12 Sep '71

A European view of NATO strategy. Lawrence L. Whetten. illus Mil Rev 51:25-37 Sep '71

STRATEGY - ContinuedNATO - Cont'd

Long-range planning factors in the Brosio Exercise. Lawrence L. Whetten. illus Mil Rev 51:50-59 Jul '71

The NATO warning of 1968. Istvan Szent-Miklosy. illus Mil Rev 51:3-13 Feb '71

NATO's nuclear strategy and its dangers. Maj E. Hinterhoff. Army Qtr 101:136-140 Jan '71

Nuclear shield for NATO--a capability in tactical weapons will strengthen European security. Phillip A. Karber. illus Ordnance 55:529-531 May-Jun '71

Problems of European security. C. E. Morris. Army Qtr 101:396-401 Jul '71

SHAPE: Bulwark of defense--a lesson in cooperation. Col Robert K. Sawyer. illus NATO's Fifteen Nations 16:49-64 Feb-Mar '71

Strategic mobility and European NATO. MajGen J. L. Moulton, Ret. illus NATO's Fifteen Nations 16:34-40 Oct-Nov '71

Russia

Arming through disarmament. George D. Damien. illus Mil Rev 51:30-38 Mar '71

Arms for South Africa. Maj E. Hinterhoff. illus NATO's Fifteen Nations 16:26-33 Feb-Mar '71

The dilemmas of Soviet policy in the Middle East. John R. Thomas. illus Parameters 1:34-42 Fall '71

Letter from London: Britain suddenly alert to growing Soviet threat. illus NATO's Fifteen Nations 16:12-14 Jun-Jul '71

Mutual balanced force reductions. Walter C. Clemens, Jr. illus Mil Rev 51:3-11 Oct '71

NATO and the Brezhnev doctrine. MajGen M. W. J. M. Broekmeijer. illus NATO's Fifteen Nations 16:22-24 Jun-Jul '71

NATO in the development of mutually acceptable security arrangements between East and West. Brig W. F. K. Thompson, Ret. illus NATO's Fifteen Nations 15:87-90+ Dec '70-Jan '71

Overview of Soviet strategy. (Address, Navy League Seminar on Soviet Seapower, New York, 1971?) Frank R. Barnett. illus Nav War Col Rev 23:16-21 Jun '71

Red strategic superiority. LtGen Ira C. Eaker, Ret. Ordnance 55:335-338 Jan-Feb '71

River crossing: Key to Soviet offense. Capt Eugene D. Betit. illus Mil Rev 51:88-96 Oct '71

Shifts in Soviet arms control posture. Walter C. Clemens, Jr. illus tab Mil Rev 51:28-36 Jul '71

Soviet aims and capabilities in Europe. Malcolm Mackintosh. illus Royal United Svc Instn J 116:22-30 Mar '71

Soviet global policy and the Middle East. Uri Ra'anan. illus Nav War Col Rev 24:19-29 Sep '71

Soviet military buildup: A new dimension in foreign policy. Maj Jeffrey L. Scribner. illus tab Mil Rev 51:53-62 Aug '71

Soviet strategy for the seventies. LtCol Donald L. Clark. illus AU Rev 22:2-18 Jan-Feb '71

The strategic balance. AVM Neil Cameron. tab Royal Air Forces Qtr pt 1, 11:169-175 Autumn '71

STRATEGY - Continued

Russia - Cont'd

The strategic outlook of the Indian Ocean. Niu Sien-Chong. illus NATO's Fifteen Nations 16:34-39 Feb-Mar '71

Sweden

Sweden and Nordic balance. Col Albert Leo Romaneski. chart illus map table Parameters 1:54-65 Fall '71

Switzerland

Swiss national defense: The strategy of security. Gustav Daniker. (Condensed from a Swiss publication) illus Mil Rev 51:36-41 Dec '71

United States

The Army in transition. Gen W. C. Westmoreland. Ordnance 56:35-37 Jul-Aug '71

Army professionalism for the future. LtCol Roy K. Flint. illus Mil Rev 51:3-11 Apr '71

The B-1 bomber: Does American survival hinge on it? Interviews. MajGen Douglas T. Nelson and others. illus Govt Exec 3:53-54+ Oct '71

B-1--vital to nation's defense. (Address, Iron Gate Chapter, AFA, New York, Sep 14, 1971) MajGen Douglas T. Nelson. AF Plcy Ltr for Comdrs: Sup No. 11:2-9 Nov '71

Bay of Pigs revisited. Col Joseph E. Muckerman II. illus maps Mil Rev 51:77-85 Apr '71

Beyond Vietnam. (Address, American Newspaper Publishers Assoc Luncheon, New York, April 21, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 6:12-17 Jun '71

The bluewater strategy--Nixon and liberals in tune. Dennis W. Brezina. illus Navy 14:24-28 May '71

The challenge of the introspective seventies: Array of national options calls for extreme flexibility. BrigGen Lynn D. Smith, Ret. illus Army 21:18-21 May '71

(The challenge to military professionalism) (Banquet address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Spiro T. Agnew. illus Armor 80:40-43 Jul-Aug '71

Defense budget highlights. (Approach to FY 1972-1976 program and FY 1972 budget. Excerpts from Defense Posture Statement) Melvin R. Laird. illus tabs Def Ind Bul 7:1-31 Spring '71

The erosion of U.S. military strength: Can there be peace without power? James L. Buckley. illus Signal 26:18-21 Oct '71

Hedging on a strategic gamble. Col Joseph E. Muckerman II. illus Army 21:10-16 Sep '71

If the Americans leave. Juergen Schilling. (Trans and condensed from a German publication) illus Mil Rev 51:84-90 Jun '71

Laird sees changes in strategy. AF Times 31:8 Jan 13 '71

Long-range planning for peace. (Address, Dayton Council on World Affairs, Dayton, Ohio, Jan 29, 1971) G. Warren Nutter. AF Plcy Ltr for Comdrs: Sup No. 3:8-13 Mar '71

Mr Laird and the no war strategy for the 1970s. Lloyd Norman. illus Army 21:14-23 Feb '71

Mutual balanced force reductions. Walter C. Clemens, Jr. illus Mil Rev 51:3-11 Oct '71

STRATEGY - Continued

United States - Cont'd

The 'only option? (Blue water) (Prize Essay, 1971, 2d Honorable Mention) George E. Lowe. illus US Nav Inst Proc 97:18-26 Apr '71

'Realistic deterrence.' Editorial. John L. Frisbee. illus AF Mag 54:4+ Apr '71

Realistic deterrence and new strategy. Col Kenneth L. Moll. illus AU Rev 23:2-12 Nov-Dec '71

The rise and fall of academic strategy. Colin S. Gray. illus Royal United Svcs Inst for Def Studies J 116:54-57 Jun '71

Sen Thurmond (accepts Minute Man Award at ROA Banquet, Feb 19, 1970): "Great problems in the years ahead." Officer 47:7+ Apr '71

The strategic balance. AVM Neil Cameron. tab Royal Air Forces Qtr pt 1, 11:169-175 Autumn '71

The strategic dilemma. (Remarks, American Ordnance Assoc, Orlando, Fla, Nov 17, 1970) Gen John D. Meyer. AF Plcy Ltr for Comdrs: Sup No. 2:8-13 Feb '71

A strategy of sufficiency. Thomas R. Pickering. illus Ordnance 56:38-42 Jul-Aug '71

Strategy report--what is the role of the ANG/USAFR in the national strategy of 1970? Col Edward W. Rosenbaum. Air Reservist 23:12 Feb '71

The synergy of the triad. Gen John C. Meyer. illus AU Rev 22:17-25 Sep-Oct '71

"This year--our own strategies." Interview. Melvin R. Laird. illus Govt Exec 3:35+ Apr '71

A time of challenge. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Gen James H. Polk, Ret. illus Armor 80:28-30 Jul-Aug '71

Toward a strategy of realistic deterrence--strategy overview. (Excerpts from Defense Posture Statement) Melvin R. Laird. Def Ind Bul 7:3-4 Spring '71

Triad defense. LtGen Ira C. Eaker, Ret. AF Times 32:13 Dec 29 '71

U.S. and USSR Strategic Forces. (Address, China National Aviation and American Volunteer Group Convention, San Diego, Calif, July 3, 1971) Gen Bruce K. Holloway. AF Plcy Ltr for Comdrs: Sup No. 9:20-28 Sep '71

U.S. goals, priorities, and means. (Remarks, Air War College, Maxwell AFB, Ala, Aug 25, 1970) BrigGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 3:14-22 Mar '71

The walls of Jericho or cordon and search. Charles L. Black. illus Infantry 61:6-11 May-Jun '71

Weapon systems for the future. (Remarks, 7th Propulsion Joint Specialist Conference, American Institute of Aeronautics and Astronautics, Salt Lake City, Utah, June 16, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 9:13-19 Sep '71

What is relevant power? (Address, Air Power Council, Fort Worth, Tex, Oct 5, 1971) LtGen George J. Eade. AF Plcy Ltr for Comdrs: Sup No. 12:25-30 Dec '71

Why not a unified strategic command? John L. Frisbee. illus AF Mag 54:36-40 Mar '71

Will we snatch defeat from the jaws of victory? (Lecture, Naval War College, 1971) Walt W. Rostow. illus Nav War Col Rev 24:3-18 Sep '71

STRATEGY - ContinuedUnited States - Cont'dHistory

The evolution of strategic thought. Maurice Matloff. Forum No. 12:69-81 Spring '71

Needed--a new strategy for preservation of the Republic. RADM George H. Miller. illus Sea Power 14:5-11 Dec '71

The strategic world of 1946. Herman S. Wolk. illus AF Mag 54:72-73+ Feb '71

Vietnam (Republic)

National defense: The key to Vietnam survival. LtGen Vinh Loc. illus Mil Rev 51:90-95 Jul '71

Warsaw Pact

Nuclear shield for NATO--a capability in tactical weapons will strengthen European security. Phillip A. Karber. illus Ordnance 55:529-531 May-Jun '71

STRATEGY, AIRHistory

Origin of a theory for air strategy. MajGen Donald Wilson, Ret. illus Aerosp Hist 18:19-25 Mar '71

United States

View from the blue. Col William C. Moore. AF Mag 54:76-78+ Sep '71

STRATEGY, NAVAL

The defence of merchant shipping. L. W. Martin. illus NATO's Fifteen Nations 16:28-33 Oct-Nov '71

The submarine in naval warfare. VAdm Arthur Heezlet. illus NATO's Fifteen Nations 16:42-46 Oct-Nov '71

The use of seapower in countering the strategy of interposition. (Research paper, College of Naval Command and Staff, 1971) LCDR William M. Pitt. illus Nav War Col Rev 24:47-69 Sep '71

History

The use of seapower in countering the strategy of interposition. (Research paper, College of Naval Command and Staff, 1971) LCDR William M. Pitt. illus Nav War Col Rev 24:47-69 Sep '71

China (People's Republic)

Communist China--growing seapower? CDR R. War-ing Herrick, Ret. illus US Nav Inst Proc 97:106-107 Sep '71

Japan

Japan's Maritime Self-Defense Force: An appropriate maritime strategy? LCDR James E. Auer. illus map tab Nav War Col Rev 24:3-20 Dec '71

The resurgence of Japanese sea power. Niu Sien-Chong. illus tab NATO's Fifteen Nations 16:70-75+ Oct-Nov '71

NATO

From Simonstown to Singapore. Lawrence Griswold. map US Nav Inst Proc 97:52-57 Nov '71

Russia

The bear in the burnoose--a first hand report on Russia's Arab bases. Lawrence Griswold. illus map Sea Power 14:16-23 Sep '71

STRATEGY, NAVAL - ContinuedRussia - Cont'd

The doorstep challenge. James D. Theberge. illus Navy 14:17-23 Mar '71

From Simonstown to Singapore. Lawrence Griswold. map US Nav Inst Proc 97:52-57 Nov '71

Indian Ocean of tomorrow. Alvin J. Cottrell. illus maps Navy 14:10-16 Mar '71

Interposition & intermingling. (Opinions of VADM's B. J. Semmes and David C. Richardson at a Navy League Seminar) Stephan A. Schwartz. illus Navy 14:17-21 Feb '71

The Mediterranean. Mohamed Masmoudi. (Condensed from Survival, Dec 1970) illus map Mil Rev 51:31-37 Jun '71

Needed--a new strategy for preservation of the Republic. RADM George H. Miller. illus Sea Power 14:5-11 Dec '71

Russia in the Med(iterranean). Frank Gervasi. illus map MarCor Gaz 55:26-30 Dec '71

Russian maritime requirements. Michael McCwire. illus NATO's Fifteen Nations 16:22-27 Oct-Nov '71

Soviet maritime policies. Irwin M. Heine. illus tab Nav War Col Rev 24:1-12 Oct '71

Soviet merchant fleet: 13 million tons of political power. Albert E. May. illus Navy 14:25-29 Mar '71

Soviet mine warfare. John Chomeau. Nav War Col Rev 24:94-96 Dec '71

The Soviet presence in the Mediterranean: A short history. Philippe Masson and J. Labayle Couhat. (Trans from a French publication) Nav War Col Rev 23:60-66 Jan '71

United States

Are we courting disaster? Cutback in U.S. fleet continues as Soviet Navy builds and builds. A. J. Cottrell and A. A. Hoehling. illus Navy 14:9-14 Jan '71

The bluewater strategy--Nixon and liberals in tune. Dennis W. Brezina. illus Navy 14:24-28 May '71

Entering a desperate era of seapower. Brooke Nihart. Armed Forces J 108:22-23 Mar 15 '71

Interposition & intermingling. (Opinions of VADM's B. J. Semmes and David C. Richardson at a Navy League Seminar) Stephan A. Schwartz. illus Navy 14:17-21 Feb '71

Low level warfare: What role for the Navy? Howard C. Reese. illus MarCor Gaz 55:27-30 Aug '71

Needed--a new strategy for preservation of the Republic. RADM George H. Miller. illus Sea Power 14:5-11 Dec '71

Nixon doctrine and the blue water strategy. Editorial. Navy pt 1, 14:8 Jan '71; pt 2, 14:6 Feb '71

The Nixon doctrine and the Navy. CDR James A. Barber, Jr. illus Nav War Col Rev 23:5-15 Jun '71

The only option? (Blue water) (Prize Essay, 1971, 2d Honorable Mention) George E. Lowe. illus US Nav Inst Proc 97:18-26 Apr '71

Science, technology, and change: Implications for the Navy. Col Raymond C. Shreckengost. illus Nav War Col Rev 24:1-16 Nov '71

STRATEGY, NAVAL - ContinuedUnited States - Cont'd

Spruance returns to Naval War College--his precepts applied to Nixon doctrine and blue water strategy. CDR J.F. McNulty. illus Navy 14:27-30 Feb '71

History

ADM Richard L. Conolly: A perspective on his notions of strategy. LTJG Donald G. White. illus Nav War Col Rev 24:73-79 Nov '71

Mining: A naval strategy. (Lecture, Naval War College, 1971?) Andrew Patterson, Jr. illus maps Nav War Col Rev 23:52-66 May '71

Technology and strategy: A study in the professional thought of the U. S. Navy, 1900-1916. (Research paper, Naval War College, 1971) Lt John B. Hatendorf. illus Nav War Col Rev 24:25-48 Nov '71

STRATOSPHERE see Atmosphere, Upper

STREAM CROSSING, MILITARY

An artillery battalion makes a crossing. Col A. Rodin. maps Soviet Mil Rev No. 3:16-17 Mar '71

The French Army's new pontoon boat. tab illus (Also cutaways) Intl Def Rev 3:190-192 Jun '70

Lightweight water-crossing equipment for the French Army. illus tabs Intl Def Rev 4:146-147 Apr '71

River crossing: Key to Soviet offense. Capt Eugene D. Betit. illus Mil Rev 51:88-96 Oct '71

STRESSES see Strains and Stresses

STRIKE COMMAND

Brass Strike VIII tests AF, Army units. AF Times 32:46 Oct 6 '71

Crews wind up Korea Exercise (Freedom Vault). AF Times 31:8 Mar 17 '71

Extra, Strike Command. illus Navy 14:36-37 Jul-Aug '71

Firefighters included in Alaskan Exercise (Punch Card 12). Natl Guardsman 25:39 Mar '71

Pentagon's "fire brigade" (Strike Command). MajGer. R. Simonyan. illus Soviet Mil Rev No. 1:53-55 Jan '71

Strike Command tested on tactical air support (Exercise Bold Shot-Brim Fire). AF Times 32:45 Nov 24 '71

Unified commands shaken up--Strike Command replaced (by U.S. Readiness Command). AF Times 31:4 Jul 21 '71

STRONG, Robert W., Jr

Gen Moorman (Ret) joins firm's board (and positions of other retired officers announced). AF Times 31:30 Mar 10 '71

STUNT FLYING see Aerobatics

SUBMARINE BASES see Naval Bases

SUBMARINE SIMULATORS

Submarine tactical training. LCDR Thomas A. Long, Jr. illus US Nav Inst Proc 97:105-106 Apr '71

SUBMARINE WARFARESee also

Antisubmarine Warfare

SLAM (Submarine Launched Air Missile). illus NATO's Fifteen Nations 16:82 Jun-Jul '71

SUBMARINE WARFARE - Continued

The submarine in naval warfare. VAdm Arthur Heezlet. illus NATO's Fifteen Nations 16:42-46 Oct-Nov '71

History

Wolfpack: Measure and counter. John A. Howe. illus Nav War Col Rev 23:61-65 Apr '71

SUBMARINESSee also

Submersible Vehicles

Characteristics

The Soviet submarine force. Pictorial. LCDR Robert D. Wells. tabs US Nav Inst Proc 97:63-79 Aug '71

Equipment

Wolfpack: Measure and counter. John A. Howe. illus Nav War Col Rev 23:61-65 Apr '71

History

The submarine in naval warfare. VAdm Arthur Heezlet. illus NATO's Fifteen Nations 16:42-46 Oct-Nov '71

China (People's Republic)

Red Chinese sub threat pushing U.S. to number three in Pacific. Frank Macomber. illus Navy 14:21-22 Jan '71

Russia

The Soviet submarine force. Pictorial. LCDR Robert D. Wells. tabs US Nav Inst Proc 97:63-79 Aug '71

The Soviet submarine threat--past, present, and future. LT Thomas T. Holme, Jr. illus US Nav Inst Proc 97:60-62 Aug '71

Soviet submarine threat--worse than you thought. Norman Polmar. illus tab Navy 14:6-13 Jul-Aug '71

The Soviet threat. (From address, House of Representatives, Sep 28, 1970) L. Mendel Rivers. Intl Def Rev 4:39-40 Feb '71

Statistics

The Soviet submarine force. Pictorial. LCDR Robert D. Wells tabs US Nav Inst Proc 97:63-79 Aug '71

Soviet submarine threat--worse than you thought. Norman Polmar. illus tab Navy 14:6-13 Jul-Aug '71

United States

Soviet submarine threat--worse than you thought. Norman Polmar. illus tab Navy 14:6-13 Jul-Aug '71

Statistics

Soviet submarine threat--worse than you thought. Norman Polmar. illus tab Navy 14:6-13 Jul-Aug '71

SUBMARINES, NUCLEAR POWERED

The submarine in naval warfare. VAdm Arthur Heezlet. illus NATO's Fifteen Nations 16:42-46 Oct-Nov '71

Russia

The nuclear submarine race: Neck-and-neck today, U.S. in second place by 1976? Norman C. Polmar. illus tab Armed Forces J 108:34-36+ Jan 18 '71

SUBMARINES, NUCLEAR-POWERED - ContinuedRussia- Cont'd

The Soviet submarine threat--past, present, and future. LT Thomas T. Holme, Jr. illus US Nav Inst Proc 97:60-62 Aug '71

Soviet submarine threat--worse than you thought. Norman Polmar. illus tab Navy 14:6-13 Jul-Aug '71

The Soviet threat. (From address, House of Representatives, Sep 28, 1970) L. Mendel Rivers. Intl Def Rev 4:39-40 Feb '71

USSR lays keel for 41st Polaris-type sub. Benjamin F. Schemmer. illus Armed Forces J 109:36-37 Dec '71

Statistics

Soviets have sub supremacy: Give 'catch up' top priority--Rickover renews warning. Col Robert D. Heinl, Jr. Armed Forces J 108:21 Jul 19 '71

United States

'Expanded Poseidon' clouds ULMS picture. James D. Hessman and Benjamin F. Schemmer. Armed Forces J 108:16-17 Aug '71

The most hunted submarine--Poseidon goes to sea. Interview. RADM Levering Smith. illus Navy 14:20-23 May '71

Not EXPO (EXpanded POseidon) but time-phased ULMS. Armed Forces J 109:21 Dec '71

The nuclear submarine race: Neck-and-neck today, U.S. in second place by 1976? Norman C. Polmar. illus tab Armed Forces J 108:34-36+ Jan 18 '71

Soviet submarine threat--worse than you thought. Norman Polmar. illus tab Navy 14:6-13 Jul-Aug '71

ULMS vs EXPO (EXTended POseidon) missile subs. illus Sea Power 14:37-38 Sep '71

USSR lays keel for 41st Polaris-type sub. Benjamin F. Schemmer. illus Armed Forces J 109:36-37 Dec '71

Statistics

Soviets have sub supremacy: Give 'catch up' top priority--Rickover renews warning. Col Robert D. Heinl, Jr. Armed Forces J 108:21 Jul 19 '71

SUBMERSIBLE VEHICLES

Mr Link and his wonderful plastic submarine. illus Navy 14:33-34 Apr '71

Germany (Federal Republic)

West Germany's oceanology programme gathers momentum. tabs illus (Also cutaways) Intl Def Rev 3:423-426 Dec '70

Great Britain

Advances in marine science and technology: Defense aspects. J. Tunstead. illus tabs Royal United Svcs Inst for Def Studies J 116:13-22 Sep '71

United States

Ocean surveying with a manned submersible. Roswell F. Busby. illus Mil Engr 63:1-4 Jan-Feb '71

SUBSISTENCE ALLOWANCES

Cash BAS testing scheduled at Shaw (AFB, SC). AF Times 32:1+ Dec 22 '71

SUBSISTENCE ALLOWANCES - Continued

Full-salary concept proves complicated. Bruce Callander. AF Times 32:13 Dec 29 '71

Some could get triple increases. AF Times 31:4 Mar 10 '71

Tighter BAS line ahead? Tony McHale. AF Times 31:1+ May 19 '71

Versions of bill also vary COLA. AF Times 31:4 Jun 9 '71

You can't have your cake. Bruce Callander. AF Times 31:13 May 26 '71

SUEZ CANAL

The bear that swims like a fish. RADM Kemp Tolley. Ret. illus US Nav Inst Proc 97:41-45 Jun '71

Building of Indian Ocean base is well underway by U.S. Navy. L. Edgar Prina. US Nav Inst Proc 97:109-111 Nov '71

De Lesseps' ditch--Russia will gain most. Joseph Palmer. illus Navy 14:16-19 May '71

The Israeli defense of the Suez Canal. Col Irving Heymont, Ret. illus Mil Rev 51:3-11 Jan '71

A military solution to the Suez Canal impasse? Maj Edgar O'Ballance, Ret. illus Mil Rev 51:84-89 Jul '71

Negotiations on Suez Canal. Armed Forces J 108:23 Jun 21 '71

Reopening the Suez Canal. LtCol Haig Donabedian. MarCor Gaz 55:11-12 Jun '71

Strategic Importance

De Lesseps' ditch--Russia will gain most. Joseph Palmer. illus Navy 14:16-19 May '71

Strait is the way Russia moves to control the narrow places. Lawrence Griswold. illus maps Sea Power 14:11-17 Oct '71

The strategic outlook of the Indian Ocean. Niu Sien-Chong. illus NATO's Fifteen Nations 16:34-39 Feb-Mar '71

SUGGESTION PROGRAMS

AF better ideas save \$93 million. AF Times 32:3 Dec 29 '71

Sounding off pay\$ off. SP4 Mike Keller. illus Soldiers 26:22-24 Aug '71

SUICIDE

Suicide prevention service. TIG Brief 23:11 Jan 15 '71

Suicide rate low, still poses problem. AF Times 31:19 Feb 10 '71

SUN

Intercosmos: Space program of Socialist countries. Boris Petrov. Space World H-4-88:36-37 Apr '71

SUPERIOR PERFORMANCE PAY see Proficiency PaySUPERSONIC FLIGHTSee also

Airplanes, Bomber (Supersonic)
Airplanes, Supersonic
Airplanes, Transport (Supersonic)

SUPERVISION

AFA urged to back sensitivity training. AF Times 31:8 Apr 21 '71

SUPERVISION - Continued

- If the shoe fits. (A message for supervisors) Aerosp Safety 27:1 Oct '71
- Innovation stimulation. Maj Edward C. Kraft, Jr. USAF Instrs J 9:33-35 Summer '71
- Prepared for the challenge. MSgt Byron W. Maguire. USAF Instrs J 8:64-67 Winter '70-'71
- Supervision as a contributing cause factor in aircraft accidents. illus Approach 16:1-3 Jun '71
- Super-vision (needed to see and correct aviation unit deficiencies). CW3 Junius A. Jordan. illus USA Avn Dig 17:40-43 Dec '71
- Supervisor's special trust. LtCol Richard F. Taylor. illus USA Avn Dig 17:52-55 Apr '71
- Whose error? CW2 Joseph T. Robbins. illus tab USA Avn Dig 17:60-61 May '71

SUPPLYSee also

Depots, Supply

Armed Forces--U.S.

- Coming? Tandem base logistics support. Maj William G. T. Tuttle, Jr. illus Army Log 3:12-15+ Nov-Dec '71
- Limitation of contractor liability for defective supplies. TIG Brief 23:5 Mar 26 '71
- Logistics in motion--the support of military forces in the C-5 era. Harry D. Yoder. illus Ordnance 55:455-458 Mar-Apr '71
- Managing Pacific Command excesses. (Army's Pacific Utilization and Redistribution Agency) Maj Lee W. Williams. illus Army Log 3:16-18 Nov-Dec '71
- Supplies for the Services. Interview. LtGen Earl C. Hedlund. illus Ordnance 55:532-535 May-Jun '71

Army--U.S.

- Army mobility for logistical support. (Adapted from address, Society of American Military Engineers, San Francisco, May 21, 1971) Brig Gen George M. Bush. illus Mil Engr 63:306-312 Sep-Oct '71
- Microfilm system beats the information explosion. Rita M. Vining. illus Army Log 3:19-21 Nov-Dec '71
- Recovering assets--incountry. tab Army Log 3:33 Nov-Dec '71
- System under pressure. Col Robert G. Hillman. illus map Mil Rev 51:11-17 Jun '71

Navy--U.S.

- Navy supply--sea service's corporate management. Christian Rice. illus Review 50:21+ Mar-Apr '71

SUPPLY MANAGEMENT

- Accurate cost accounting. Maj Robert D. Mulcahy. MarCor Gaz 55:53-54 Jul '71
- Credit card warehouse. LtCol O. P. Snyder, Jr. illus Army Log 3:30-34 Jan-Feb '71
- Hey, Sarge! Straight talk about how maintenance can help itself. James H. Smith. illus Aerosp Safety 27:24-25 Nov '71
- Looking at logistics through audit. Frank A. Gleason, Jr. illus Army Log 3:28-32 Sep-Oct '71

SUPPLY MANAGEMENT - Continued

- Managing ammunition. Maj Paul Kearney. tabs 11d Artilleryman, pp 54-58, Aug '71
- Military containerization--impact on worldwide supply. A. Jack Mayor. illus Def Trans J 27:46-49 May-Jun '71
- Operation Streamline. LtCol James E. Stallard III. illus tabs Army Log 3:4-7+ Mar-Apr '71
- System under pressure. Col Robert G. Hillman. illus map Mil Rev 51:11-17 Jun '71

SUPREME ALLIED COMMANDER, ATLANTIC see Allied Command AtlanticSUPREME ALLIED COMMANDER, EUROPE see Allied Command EuropeSUPREME HEADQUARTERS ALLIED POWERS IN EUROPE

- Communication for command and community. (Language Training Section at SHAPE) David H. Ellis. illus NATO's Fifteen Nations 16:41-48 Aug-Sep '71
- In the service of peace. Gen A. J. Goodpaster. illus NATO's Fifteen Nations 16:16-22 Apr-May '71
- "My admiration and gratitude." Manlio Brosio. illus NATO's Fifteen Nations 16:30-31 Apr-May '71

History

- SHAPE: Bulwark of defense--a lesson in cooperation. Col Robert K. Sawyer. illus NATO's Fifteen Nations 16:49-64 Feb-Mar '71

SURPLUS PROPERTY

- Managing Pacific Command excesses. (Army's Pacific Utilization and Redistribution Agency) Maj Lee W. Williams. illus Army Log 3:16-18 Nov-Dec '71
- Recovering assets--incountry. tab Army Log 3:33 Nov-Dec '71

SURVEILLANCE

- A building-block reconnaissance receiver. Gary Oleari. illus tab Elect Warfare 3:8+ Winter '71
- Igloo White. John L. Frisbee. illus AF Mag 54:48-53 Jun '71
- It's called AWACS--an "eye in the sky." MSgt John W. Hart. illus Airman 15:15-17 Jun '71
- Navy very high altitude ocean surveillance aircraft feasible. illus Armed Forces J 108:18 May 17 '71
- A new three dimensional surveillance radar (AN/TPS-32). Ray E. Meyers. illus Signal 25:15-16 Feb '71
- Ocean surveillance--new weapon of naval warfare. CAPT Frank B. Murphy, Ret. illus US Nav Inst Proc 97:38-41 Feb '71
- STANO (Surveillance, Target Acquisition and Night Observation): Combat eyes and ears. Maj Karl L. Chapman. illus Infantry 61:22-25 Mar-Apr '71
- Swedish developing reconnaissance drone. John Marriott. Armed Forces J 108:21 May 3 '71
- Tactical data handling in the Royal Navy. LtComdr J. Claisse. illus Intl Def Rev 4:436-439 Oct '71

Equipment

- UGS (Unattended Ground Sensor)--an acronym for success. Capt Elliot I. Tepper. illus Armor 80:34-36 Sep-Oct '71

SURVEYING

Corps coastal survey teams. CWO Jerry E. Bunting. MarCor Gaz 55:50-51 Jun '71

Geodesy, mapping, oceanography: Current surveying and mapping news. Regular feature in issues of Military Engineer

SURVEYING BY AIR

Algeria embarks on a 3-year treasure hunt. Charles D. LaFond. illus Govt Exec 3:20-21 May '71

The geodetic navigator. Maj Eugene R. Nelson. illus Navigator 18, No. 2:14-17 '71

(Photogrammetry, the art of making surveys and maps from photographs) illus Signal 25:66 May '71

SURVEYS

Airmen reveal likes and dislikes. AF Times 32:3 Sep 29 '71

National problems rated by (29,000) EM, (12,000) officers. George Foster. tabs AF Times 32:1+ Oct 27 '71

Officers differ on retirement--recent retirees polled. AF Times 32:11 Sep 29 '71

Third of officers want out--unhappy give variety of reasons. AF Times 32:6 Dec 29 '71

Youths rate AF as tops. AF Times 32:15 Oct 20 '71

SURVIVAL

See also
Civil Defense

A candle and a plan. Maj Samuel A. Munch, Jr. illus tab Combat Crew 22:4-7 Nov '71

Compound fracture. Grover C. Tate. illus Aerosp Safety 27:6-8 Jul '71

Drownproofing. Fred R. Lanoue. (Reprinted from TAC Attack, July-Aug 1971) illus Approach 17:18-21 Nov '71

The struggle for survival. Leo Cherne. Signal 25:6-11 Jan '71

Survival pro. illus Approach 17:22-23 Sep '71

Surviving the survivable. (From paper, Aerospace Medical Panel Specialists Meeting, Oporto, Portugal, June 23-26, 1971) Joseph L. Haley, Jr. illus USA Avn Dig 17:36-38 Dec '71

SURVIVAL EQUIPMENT

A candle and a plan. Maj Samuel A. Munch, Jr. illus tab Combat Crew 22:4-7 Nov '71

Carnival ride. illus Approach 16:18-20 Feb '71

A close look at life support. Interceptor 13:22-24 May '71

Compound fracture. Grover C. Tate. illus Aerosp Safety 27:6-8 Jul '71

The end of an era (the age of the Red Sled). Maj Frederick C. Westergaard. illus tabs MAC Flyer 18:24-26 Sep '71

Four circles of life. Sgt Dave Cole. illus Airman 15:34-37 Jul '71

Hot weather survival. George D. Banky. illus Approach 16:32-34 Jun '71

Life insurance. LCDR E.A. Wilson. illus Approach 16:26-30 Mar '71

SURVIVAL EQUIPMENT - Continued

Life sciences. TIG Brief 23:22 Apr 9 '71

Life support for aircrews. (Interview with Col Albert P. Lovelady) illus Aerosp Safety 27:6-9 May '71

Protecting the man in the cockpit. TIG Brief 23:5-6 Dec 31 '71

Rescue reminders. LtCols Royal A. Brown and Ervin F. Rees. (Reprinted from Combat Safety, Feb 1971) illus Interceptor 13:18-19 Jun '71

Space station life support experiment. illus Space World H-3-87:7-9 Mar '71

Survival is the name of the game! LTJG M.E. Liebman. illus Approach 16:22-23 Feb '71

Their no. 1 job: Care of man--SPO's at Wright-Patterson work to give aircrews comfort and safety in flight. illus AF Times 31:28 Jan 13 '71

To save the pilot's life. LtCol G. Serebrennikov. illus Soviet Mil Rev No. 10:28-29 Oct '71

Testing

Life support testing. LtCol Denis R. Edwards. illus Tac Air Warfare Cen Qtr Rpt 2:14-19 Spring '71

Revolutionary lifesaving concept offers unequalled chance for survival in sea disaster. LCDR Jim F. Hunt. illus Navy 14:23 Jan '71

SURVIVAL TRAINING

Cozy in their caves. illus Natl Guardsman 25:26 Jun '71

Four circles of life. Sgt Dave Cole. illus Airman 15:34-37 Jul '71

Life insurance. LCDR E.A. Wilson. illus Approach 16:26-30 Mar '71

McChord (AFB), Fort Lewis (Wash) put crews in cold water. AF Times 32:40 Sep 22 '71

A matter of survival. (Exercise Winter Wind '71) illus Natl Guardsman 25:18-19 May '71

Survival is the name of the game! LTJG M.E. Liebman. illus Approach 16:22-23 Feb '71

To save the pilot's life. LtCol G. Serebrennikov. illus Soviet Mil Rev No. 10:28-29 Oct '71

USAF survival and special training school. TIG Brief 23:21 Jun 18 '71

The wild and white campus--all-volunteer staff teaches survival (at Fairchild AFB, Wash). Jim Sample. illus AF Times 31:16 Apr 7 '71

SURVIVORS RIGHTS AND BENEFITS

See also
Retired Serviceman's Family Protection Plan

Annuity plan helps some, not others. AF Times 32:59 Dec 1 '71

Annuity plan shaped--costs cut, benefits rise in Pike-Gubser proposal. Bob Horowitz. AF Times 32:1+ Aug 18 '71

The Army's toughest job--notifying the next of kin. Sgt1C Carl Martin. illus Soldiers 26:25-28 Aug '71

Bills help kin of war dead--retarded children, pregnant widows. AF Times 31:6 Jul 28 '71

Boost in DIC voted. AF Times 32:2 Nov 24 '71

SURVIVORS RIGHTS AND BENEFITS - Continued

Combat zone tax benefits. TIG Brief 23:8 Jan 15 '71

DOD action due on retiree plans. AF Times 31:35 Mar 17 '71

Defense backs survivors plan. AF Times 31:1+ Jun 2 '71

Home for EM widows granted tax exemption. AF Times 31:8 Jun 23 '71

House panel approves survivor benefit program. Armed Forces J 109:11-12 Sep '71

Increase in DIC okayed. tab AF Times 32:2 Dec 15 '71

Increased pay, benefits sought. Bob Schweitz. AF Times 31:1+ Feb 3 '71

Kelley panel meets on recomp and survivor, disability benefits. Armed Forces J 108:12-13 Apr 19 '71

Military retired benefits. (Views of ROA presented to White House Special Inter-Agency Committee. Reprinted from Retired Officer, June 1971) Review 51:35-36+ Jul-Aug '71

NGAUS urges broader retirement benefits. Natl Guardsman 25:8-9 Jun '71

New annuity plan holds big benefits for survivors. AF Times 32:55 Oct 6 '71

The new annuity plan (Pike-Gubser Survivor Benefits Bill): Coverage up, cost down. Bob Schweitz. tab AF Times 31:44 Jun 16 '71

'71 annuity bill unlikely--survivor package gathering dust. AF Times 31:3 Jan 13 '71

Pay recomp aired--kin aid spurred. AF Times 31:3 May 26 '71

(The Pike Bill) Officer pt 1, Pike Subcommittee report explains bill establishing military survivors benefits plan. 47:22 Nov '71; pt 2, Senate now has for consideration new bill for survivors benefits as passed by the House. 47:22-23 Dec '71

ROA backs DOD survivors benefits bill in general but takes exception to four of its provisions. RADM Alexander Jackson, Jr. Officer 47:24 Sep '71

RSFPP revision likely. Bob Horowitz. AF Times 31:1+ Feb 3 '71

Recomp, other benefits requested by retirees. AF Times 31:25 May 19 '71

Retiree pay attachment faces flight. Bob Horowitz. AF Times 32:13 Nov 17 '71

Retiree widows bill nears okay in House. AF Times 32:2 Aug 11 '71

Retirement Committee (of ROA) favors survivors benefits bill; votes to press recomputation fight. Officer 47:24 Apr '71

Retirement review set--Nixon asks recomp, kin study. Bob Schweitz. AF Times 31:1+ Mar 31 '71

Survivor annuity clears (House Armed Services) Committee. AF Times 32:5 Sep 29 '71

Survivor benefits package gets top OSD endorsement. James Hessman. tab Armed Forces J 108:32-33+ May 3 '71

Survivor benefits raised--Nixon signs bill. AF Times 32:4 Dec 29 '71

2 precedents involved in widow annuity plan. Bob Horowitz. AF Times 32:10 Aug 25 '71

Widow annuity moves. Bob Horowitz. AF Times 32:1+ Nov 3 '71

SURVIVORS RIGHTS AND BENEFITS - Continued

Your future as a veteran. illus tabs AF Times pt 1, Yes, vets, some do care. Larry Carney. 32:5-6 Oct 13 '71; pt 2, On-duty Transition does help. Bob Schweitz. 32:5-6 Oct 20 '71; pt 3, VA benefits aren't automatic. Bill Drach and Louis Dorsch. 32:42-43 Oct 27 '71; pt 4, GI Bill 'student body' growing. Larry Carney. 32:42-43 Nov 3 '71; pt 5, Vet unemployment dips. Larry Carney. 32:41-42 Nov 10 '71; pt 6, Disability pay confusing. Mel Jones. 32:46-47 Nov 17 '71; pt 7, VA caters to 'new vet.' George Marker. 32:43-44 Nov 24 '71; pt 8, GI home buying gets new life. George Marker. 32:45-46 Dec 1 '71; pt 9, SGLI conversion tips. Bill Kreh. 32:50-51 Dec 8 '71; pt 10, The beneficiary snag. Ruth Chandler. 32:37 Dec 15 '71; pt 11, How 'bout the Reserves. Ed Gates. 32:30-31 Dec 22 '71; pt 12, Dear Congressman. Robert S. Horowitz. 32:29 Dec 29 '71

SUTTON, William J.

MajGen Sutton, Chief Army Reserve, to retire, with all-time record of service in Army post. por Officer 47:25 Jan '71

MajGen Sutton reviews progress of Army Reserves (in speech at Army Affairs Committee meeting, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971). Officer 47:23 Apr '71

SWEDEN

Sweden and Nordic balance. Col Albert Leo Romaneski. chart illus map table Parameters 1:54-65 Fall '71

SWITCHING SYSTEMS

Computers and communications in the information age. MajGen Gordon T. Gould, Jr. illus Signal 25:6-14 Feb '71

Conditioning of circuits for digital data transmission. Leon H. Rovick. Signal 25:38-40 Mar '71

Magnetic bubbles: A new technology for telephone systems. A.H. Bobeck. illus Signal 26:14-16 Oct '71

Marines and the mobile message. Alvin Lemack and Clarence Sidlo. illus Signal 25:73-74+ Jun '71

Military communications--harbinger of the future. MajGen Gordon T. Gould, Jr. Signal 25:32-34 Jan '71

The next 25 years (in the communications-electronics field). Dause L. Bibby and others. illus Signal 25:44-47+ Jun '71

Signal interviews LtGen Richard P. Klocko. Signal 26:6-7 Sep '71

Solid-state communications switching. Herbert H. Reed, Jr. illus tabs Signal 25:18-21 Mar '71

SWITZERLAND

Swiss national defense: The strategy of security. Gustav Daniker. (Condensed from a Swiss publication) illus Mil Rev 51:36-41 Dec '71

SYSTEMS ANALYSIS

See also
Economic Analysis

Analysis--or what do the figures mean? TIG Brief 23:2 Oct 8 '71

Applying the systems approach to management. Edmund W. Edmonds, Jr. illus Def Mgt J 6:23-26 Feb '71

SYSTEMS ANALYSIS - Continued

- Decision-making. MajGen Glenn A. Kent. illus AU Rev 22:62-65 May-Jun '71
- The role of systems analysis (in weapon system acquisition). Gardiner L. Tucker. illus Def Mgt J 7:12-15 Fall '71
- Scope Creek (system analysis). R. L. Feik. illus Signal 26:16-18+ Sep '71
- Special duty officer for systems analysis: A proposal. LCDR John S. Gubbings. illus Nav War Col Rev 24:17-24 Nov '71
- System changes--stepping stones to survival. Maj John N. Worley. illus AF Compt 5:8-9+ Mar '71
- Systems analysis: A missing element in foreign policy planning. (Research paper, School of Naval Warfare) Richard F. Norford. Nav War Col Rev 23: 81-100 Jan '71
- Systems analysis: A purely intellectual activity. Seth Bonder. illus Mil Rev 51:14-23 Feb '71
- A world of changing systems. Col Robert G. Hillman. illus Mil Rev 51:42-47 Dec '71

SYSTEMS ENGINEERING

- Communications: The essence of human life. Sen Hubert H. Humphrey. Signal 26:10-12 Sep '71
- Eliminating safety hazards in future Army aircraft. (Adapted from paper, 2d Government Industry System Safety Conference, Goddard Space Flight Center, Greenbelt, Md, May 26, 1971) illus USA Avn Dig 17:52-57 Nov '71
- PROMAP-70: System engineering process. E. Oakley Drumheller, Jr and others. illus Def Ind Bul 7: 4-9 Winter '71
- Production engineering in weapons systems. VADM Eli T. Reich. illus Def Mgt J 7:31-34 Fall '71
- Systems engineering in Army Aviation. Truxtun R. Baldwin. illus chart Army Log 3:8-11+ Nov-Dec '71
- Teleprocessing industries: A new force in data communications. illus Signal 26:25-26 Nov '71

TAWC see Tactical Air Warfare Center

TDY see Temporary Duty

TOPCAP (Total Objective Plan for Career Airman Personnel)

The airman promotion program. Maj Jerry C. Schaaf. AF Ploy Ltr for Comdrs: Sup No. 1:14-15 Jan '71

Congressman (Rep Robert F. Sikes) questions 20-year up-or-out plan. AF Times 31:13 Aug 4 '71

Fair hike chances due FY '73. Bruce Callander. AF Times 31:1+ Jun 16 '71

Mission: You! Interview. LtGen Robert J. Dixon. illus tab Airman 15:25-32 Jul '71

New career plan (TOPCAP) approved for EM. Bruce Callander. AF Times 31:1+ Jun 9 '71

The new EM hike philosophy. AF Times 32:13 Sep 8 '71

Retraining open to more airmen--schools also expand. Tony McHale. AF Times 31:20 Jun 23 '71

Severance pay for EM held essential. Bruce Callander. AF Times 32:13 Dec 15 '71

TOPCAP allows no exceptions. Bruce Callander. AF Times 32:13 Oct 13 '71

They call it TOPCAP. Maj Norbert R. Khus. illus tab Airman 15:11-15 Sep '71

'Up-or-out' predictions shaved. AF Times 32:10 Nov 24 '71

LOPLINE (Total Officer Personnel Objective Structure for the Line Officer Force)

AFIT revisions proposed--dual-degree change. AF Times 31:1+ Mar 31 '71

Defense approval awaited on grade relief proposal. George Foster. AF Times 32:50 Dec 15 '71

Officer career plans meshing. George Foster. AF Times 31:13 Feb 10 '71

Randolph (AFB, Tex) meeting to seek new road to commissions. George Foster. AF Times 31:1+ Jan 6 '71

Taber, Robert C.

MISPC (Mechanized Infantry Squad Proficiency Course): A challenge for the squad leader. LtGen Robert C. Taber. illus Infantry 61:6-9 Jul-Aug '71

TACAN

Low frequency air navigation in Southeast Asia. Capt Bruce E. Gearhart. illus map Signal 26:20-24 Nov '71

TACTICAL AIR COMMAND

The combat commands (ADC, SAC, and TAC) mark 25 years. illus AF Mag 54:61-63 Mar '71

Comptroller activities at major commands: Tactical Air Command. illus AF Compt 5:10-13 Jul '71

Conference on bill restores funds for TAC airlift groups. Officer 47:26 Feb '71

(Exercise) Guard Thunder (tactical system training program). illus Air Reservist 23:8-9 Nov '71

Med evac flights highlight TAC rotation. Jim Sample. AF Times 31:17 Jul 14 '71

TACTICAL AIR COMMAND - Continued

Meeting the pollution crisis--old hat to TAC. illus AF Times 32:34 Oct 13 '71

Pinpoint delivery. illus Natl Guardsman 25:30 Mar '71

TAC, AFCS win Air Force safety prizes. AF Times 31:4 May 26 '71

TAC Air: Present and future lessons, problems, and needs. George Weiss. illus Armed Forces J 109:30-35 Sep '71

TAC airlift given new control setup (Airlift Control Center). Capt Charles D. Kirpatrick. AF Times 32:44 Oct 13 '71

TAC C-130s log far-flung relief. AF Times 31:26 Mar 10 '71

TAC outlines fight on 'irritants.' AF Times 31:55 Feb 10 '71

The Tactical Air Command. illus chart AF Mag 54:87-91 May '71

Tactical Air Command observes 25th birthday. AF Times 31:36 Mar 17 '71

Warfare by computer. (Data automation in the Tactical Air Control System) LtCol Fred L. Crecelius. illus Tac Air Warfare Cen Qtr Rpt 2:28-35 Dec '70

The "we fly harder" (Tactical Air) Command. illus Contact 25:1-3 Mar-Apr '71

History

The combat commands (ADC, SAC, and TAC) mark 25 years. illus AF Mag 54:61-63 Mar '71

Organization

The "we fly harder" (Tactical Air) Command. illus Contact 25:1-3 Mar-Apr '71

TACTICAL AIR WARFARE CENTER

Tactical centers merge (with Tactical Air Warfare Center (TAWC), Eglin AFB, Fla) to improve management. Tac Alft 1:4 Jul '71

4485th Test Squadron. Capt Donald L. Gish. illus Tac Air Warfare Cen Qtr Rpt 2:8-11 Autumn '71

Organization

The new TAWC. chart Tac Air Warfare Cen Qtr Rpt 2:4-7+ Autumn '71

(Tactical Air Warfare Center reorganization) illus Tac Air Warfare Cen Qtr Rpt 2:entire issue Autumn '71

TACTICAL COMMUNICATIONS

See also

Tactical Satellite Communications
Vietnamese Conflict, 1957- --Communications-Electronics Applications

AACOMS (Army Area Communications) high capacity system. Frank D. Penas. Signal 26:41-42+ Oct '71

Avionics--military and civil. MajGen George E. Pickett. illus Signal 25:13-15 Jan '71

Computers and communications in the information age. MajGen Gordon T. Gould, Jr. illus Signal 25:6-14 Feb '71

The engineering aspects of the communications transition. (Address, AFCEA, Washington, June 9, 1971) Lee L. Davenport. Signal 25:56-59 Aug '71

TACTICAL COMMUNICATIONS - Continued

(First completely portable navigation satellite locator system) illus Signal 25:72 Apr '71

From transistor to micro-electronics. (Address, AFCEA, Washington, June 8, 1971) BrigGen Harold W. Rice. illus tabs Signal 25:38-41 Aug '71

Marines and the mobile message. Alvin Lemack and Clarence Sidlo. illus Signal 25:73-74+ Jun '71

The micro-miniaturized computer. Ralph S. La Montagne. illus tab Signal 25:25-28 Apr '71

The mini-computer: A new tool for communicators. Arnold Shore. illus Signal 25:15-17 Apr '71

A new family of UHF/AM ground-to-air military communication equipment. I. Raviv. illus Signal 25:111-112 Jun '71

Radio set AN/GRC-143--the latest in military communications. Arnold M. Jensen and John R. Simkovich. illus Signal 25:9-16 May '71

Selective access to tactical information. W. G. Welchman. Signal pt 1, The problem. 25:17-19 Feb '71; pt 2, Selective access to tactical information. 25:27-31 Mar '71

Signal interviews the military communicators. RADM Francis J. Fitzpatrick and MajGens Gordon T. Gould, Jr and George E. Pickett. illus Signal 25:80-82+ Jun '71

TRI-TAC (TRI-department TACTical communications office): Its status and future. Louis A. deRosa. Signal 25:40-42 Jun '71

TRI-TAC (TRI-departmental activities in TACTical communications): The creation of common tactical communications. Scot MacDonald. illus Govt Exec 3:68-69 Jul '71

TACTICAL FIGHTER WEAPONS CENTER

See also

4525th Fighter Weapons Wing

TACTICAL FORCES see General Purpose ForcesTACTICAL SATELLITE COMMUNICATIONS

Military satellite communications. Col Robert M. Lowry, Jr. illus Signal 25:18-19 Jul '71

TACSATCOM. LtCol Durward L. Holmes and Capt Kineson Jung. illus Tac Air Warfare Cen Qtr Rpt 2:12-19 Dec '70

TACTICAL WARFARE

EW support to tactical cover and deception. James DeRocher and William Huse. illus Elect Warfare 3:16-17+ Convention Issue '71

TAC Air: Present and future lessons, problems, and needs. George Weiss. illus Armed Forces J 109:30-35 Sep '71

TACTICS

See also

Attack and Defense (Military Science)

The age of the young leader. R. A. Beaumont. illus Royal United Svc Instn J 115:19-21 Dec '70; Condensation. Mil Rev 51:33-39 Aug '71

Bundeswehr Infantry organization and tactics. Jac Weller. illus Mil Rev 51:82-93 Feb '71

A company commander reflects on Operation Hue City. Capt G. R. Christmas. illus MarCor Gaz 55:34-39 Apr '71

TACTICS - Continued

Gordon at Phuoc Yen. Capt Richard D. Camp. illus map MarCor Gaz 55:28-31 Feb '71

Developing tactical thinking. LtCol I. Vydrin. illus Soviet Mil Rev No. 6:25-27 Jun '71

The FMF: An alternative future and how to get there. BrigGen F. P. Henderson, Ret. illus tabs charts MarCor Gaz 55:18-48 Jul '71

Firepower battlefield. LtCol William L. Hauser. illus Mil Rev 51:21-27 Oct '71

Follow 'em down--unit fragmentation. Capt Dennis D. Collins. illus Infantry 61:44-49 Sep-Oct '71

In a complicated situation--battalion CO's actions in an advance detachment. MajGen A. Zyryanov. map Soviet Mil Rev No. 4:19-21 Apr '71

Insurgent tactics. Maj D. M. O. Miller. illus maps chart Army Qtr pt 1, 101:44-55 Oct '70; pt 2, 101:226-236 Jan '71

Israeli armor: Lessons from the six-day war. Jac Weller. illus Mil Rev 51:44-50 Nov '71

The (Liberty) Bridge (at An Hoa): A study in defense. Capt Wayne A. Babb. illus map MarCor Gaz 55:16-23 Jun '71

More flexible doctrine. Maj R. D. Ammon. MarCor Gaz 55:49-50 Oct '71

River crossing: Key to Soviet offense. Capt Eugene D. Betit. illus Mil Rev 51:88-96 Oct '71

Tactics tolerate no stereotypes. Col G. Ionov. illus Soviet Mil Rev No. 4:16-18 Apr '71

Terrorism as a political weapon. Jay Mallin. tab AU Rev 22:45-52 Jul-Aug '71

Tiger of the mountains. (Marine Corps in second Nicaraguan campaign) 2dLt Scott W. McKenzie. illus MarCor Gaz 55:38-42 Nov '71

The urban guerrilla. Enrique Martinez Codo. illus Mil Rev 51:3-10 Aug '71

TACTICS, AIR

Double attack revisited. Maj Vincent P. Roy. illus USAF Ftr Wpns Rev No. 1:26-32 Spring '71

Double attack revisited one more time. Maj Garry Skaret. illus USAF Ftr Wpns Rev No. 2:14-16 Summer '71

Equipment + aerodynamics + tactics. (Interview with ColGen A. Yefimov) illus Soviet Mil Rev No. 8:13-15 Aug '71

Fast FAC. Capt Alexander H. C. Harwick. illus USAF Ftr Wpns Rev No. 1:4-7 Spring '71

Hickam (AFB, Hawaii) TACPs ready to deploy. Sgt Jim Julien. illus AF Times 31:32 Feb 3 '71

"Nite Owl" operations (in 497th Tactical Fighter Sq, Ubon RTAFB, Thailand). LtCol Charles F. Harrington. illus Tac Air Warfare Cen Qtr Rpt 2:4-11 Dec '70

The requirement for a tactical air superiority fighter in the United States Air Force--now and in the 70s. Maj H. L. Kimsey. illus Hawk No. 31:51-55+ Feb '70

Twelve cardinal rules (of gunship tactics). illus USA Avn Dig 17:6-7 Dec '71

TACTICS, AIR - Continued

Why the rocket beam? Capt Raymond T. Klosowski.
illus Interceptor 13:20-21 Apr '71

TAIWAN see China (Republic)

TALBOT, John M.

(BrigGen) Talbot, (MajGen) Patterson replace each other (and retirements, promotions, and other reassignments announced). por Aerosp Med 43: 591 May '71

TALBOTT, Carlos M.

Leadership at the man-to-man level. (Address, Tri-Service ROTC Commissioning Ceremony, University of Missouri, Columbia, June 1, 1971) MajGen Carlos M. Talbott. AF Pley Ltr for Comdrs Sup No. 8:11-15 Aug '71

TALBOTT, Orwin C.

Where does the Infantry go from here? MajGen Orwin C. Talbott. illus Army 21:34-39 Jul '71

TANK AUTOMOTIVE COMMAND

Air pollution--hybrid engines the key? illus Govt Exec 3:13-14 Feb '71

Source selection scheme for Scout system. Marvin Rich. illus Def Ind Bul 7:19-21 Winter '71

TANK WARFARE see Armored Warfare

TANKERS

New shipbuilding programs fail to halt precipitous decline in sealift capabilities. James Hessman. tab illus Armed Forces J 108:25-27+ Apr 5 '71

Oil on troubled waters. illus Navy 14:31-32 Feb '71

Sealift Command asks new tanker proposals. Armed Forces J 108:16+ Feb 15 '71

TANKS, MILITARY

Foreign tanks--a Soviet view of current development. MajGen N. Tomilov. (Trans and condensed from a Russian publication) illus Mil Rev 51:86-93 Apr '71

The future of the battle tank. R.M. Ogorkiewicz. illus Royal United Svcs Inst for Def Studies J 116:22-29 Jun '71

Tank-automotive news. Joseph B. Hayes. Regular feature in some issues of Ordnance

Armament

An advanced fire control system. Richard M. Ogorkiewicz. illus Armor 80:28-31 Jan-Feb '71

The Cobelda advanced tank fire control system. illus Intl Def Rev 4:166-167 Apr '71

Revolution in tank armament. Martin J. Miller, Jr and Konrad F. Schreier, Jr. illus tab Army 21: 49-53 Mar '71

Characteristics

Chieftain--main battle tank for the 1970s. illus tabs Intl Def Rev 3:181-187 Jun '70

IKV 91: Sweden's new tank destroyer. R.M. Ogorkiewicz. tab illus (Also cutaways) Intl Def Rev 4: 268-270 Jun '71

Muddling along with the M113. LtCol Roy F. Sullivan. illus tab Armor 80:9-12 May-Jun '71

Scorpion and the CVR (T) (Combat Vehicle Reconnaissance (Tracked)) family. illus tabs Intl Def Rev 4:462-467 Oct '71

TANKS, MILITARY - ContinuedCharacteristics - Cont'd

Sweden's infantry gun vehicle. Richard M. Ogorkiewicz. illus MarCor Gaz 55:8-9 Jun '71

Maintenance and Repair

Maintenance made easy. Capt Marvin V. Matthews. illus Armor 80:18-21 Mar-Apr '71

Technical service trail unit. LtCol B. Gruzdev. Soviet Mil Rev No. 12:16-17 Dec '71

Power PlantsMaintenance and Repair

Maintenance of tank power plants. Col Y. Orekhov. illus Soviet Mil Rev No. 2:27-28 Feb '71

France

AMX 30--France's main battle tank. Gen Jean Marzloff, Ret. tabs illus (Also cutaways with scale plans) Intl Def Rev 4:142-145 Apr '71

New French armored vehicles. Richard M. Ogorkiewicz. illus Armor 80:28-35 Nov-Dec '71

Great Britain

British Armoured Vehicles Week (June 21-25, 1971). illus Intl Def Rev 4:457-461 Oct '71

Chieftain--main battle tank for the 1970s. illus tabs Intl Def Rev 3:181-187 Jun '70

Scorpion and the CVR (T) (Combat Vehicle Reconnaissance (Tracked)) family. illus tabs Intl Def Rev 4:462-467 Oct '71

Israel

Israeli armor: Lessons from the six-day war. Jac Weller. illus Mil Rev 51:44-50 Nov '71

Japan

Main battle tank still in trouble with Congress, OSD. Brooke Nihart. illus Armed Forces J 108:36-37 Jun 21 '71

Russia

A tank battalion in advance guard. Col M. Loginov and LtCol R. Trofimov. illus Soviet Mil Rev No. 1:18-20 Jan '71

Tank directrix. LtCol R. Trofimov. illus Soviet Mil Rev No. 4:41-43 Apr '71

Tanks in the offensive. MajGen I. Krupchenko. illus Soviet Mil Rev pt 1, No. 8:5-9 Aug '71; pt 2, No. 9: 40-43 Sep '71

Sweden

Sweden's infantry gun vehicle. Richard M. Ogorkiewicz. illus MarCor Gaz 55:8-9 Jun '71

Switzerland

IKV 91: Sweden's new tank destroyer. R.M. Ogorkiewicz. tab illus (Also cutaways) Intl Def Rev 4: 268-270 Jun '71

Switzerland's armoured forces--evolution and future development. Oberst H. Wanner. illus Intl Def Rev 4:263-267 Jun '71

United States

Army vehicles: Good quality, but can U.S. afford quantity needed? Brooke Nihart. illus Armed Forces J 109:30-31 Oct '71

TANKS, MILITARY - ContinuedUnited States - Cont'd

First M60 tanks turned over to Army Guard units.
illus Natl Guardsman 25:22 May '71

Main battle tank still in trouble with Congress, OSD.
Brooke Nihart. illus Armed Forces J 108:36-37
Jun 21 '71

"Sheridans" added to Army Guard equipment flow.
illus Natl Guardsman 25:20 Jul '71

Tanks in the artillery role. illus Fld Artilleryman,
pp 53-54, Mar '71

Vietnam (Democratic Republic)

CO 2/17 AirCav: 'Gunships took tanks, survived flak'
in Laos. George Weiss. illus Armed Forces J
108:22-23+ Apr 19 '71

TARGET ACQUISITIONSee also

Detection Equipment

Doughnuts anyone? Capt Ronald Langlas. illus USAF
Ftr Wpns NL No. 4:23-25 Winter '70

F-111 A/E altitude calibration. Capt Don Henry. illus
tab USAF Ftr Wpns Rev No. 1:16-24 Spring '71

Fast FAC. Capt Alexander H. C. Harwick. illus USAF
Ftr Wpns Rev No. 1:4-7 Spring '71

Planning considerations for offset aimpoint radar
bombing. Robert T. Cetola and Walker B.
Cummings. illus USAF Ftr Wpns Rev No. 2:23-32
Summer '71

Retargeting. 2dLt Ken Slade. illus Combat Crew
22:8-11 Feb '71

STANO (Surveillance, Target Acquisition and Night
Observation): Combat eyes and ears. Maj Karl L.
Chapman. illus Infantry 61:22-25 Mar-Apr '71

Snap 'em, zap 'em. Capt Alexander H. C. Harwick.
illus USAF Ftr Wpns Rev No. 1:48-50 Spring '71

TALC test improves capability of night airdrops.
LtCol G. O. Kirchoff. Tac Alft 1:6 Jul '71

Target fixation. Capt Ross A. Moon. illus Interceptor
13:10-11 Oct '71

To strike unseen. Fraser Scott. illus Royal United
Svcs Inst for Def Studies J 116:30-35 Jun '71

Unattended ground sensors. 1stLt John S. Nichols.
illus Fld Artilleryman, pp 6-12, Mar '71

TARGETS

Additional Culebra hearings promised. Armed Forces
J 108:10 Aug '71

Culebrans win; Navy to be out by 1975. Armed
Forces J 108:12 Apr 19 '71

Navy signs agreement with Culebrans to limit firing.
map Armed Forces J 108:14 Jan 18 '71

(Sen Mike) Gravel amendment to fund Culebra re-
placement. Armed Forces J 108:15-16 Jun 21 '71

TARGETS, AERIALSee also

Drones

"Clay pigeons" for the Army (NM ANG). illus Natl
Guardsman 25:17 Jul '71

TARGETS, AERIAL - Continued

Low-flying targets. LtCol P. Andreyev. Soviet Mil
Rev No. 1:27-28 Jan '71

The Rushton high speed air target system. A.W.
Goodliffe. illus tab Intl Def Rev 4:71-73 Feb '71

TAXES AND TAXATION

Base annexation threat grows. AF Times 32:8
Nov 3 '71

'Brazil profiteers' receive tax dun. AF Times 31:54
May 5 '71

Changes, breaks for military complicate tax return
filing. Robert S. Horowitz. illus AF Times 31:10
Feb 3 '71

Combat zone tax benefits. TIG Brief 23:8 Jan 15 '71

Defense rips IRS stand. Bob Schweitz. AF Times
31:1+ May 12 '71

Defense to ask Congress for relief of moving tax.
AF Times 31:4 Jun 2 '71

Draft lack perils Viet tax breaks. Bob Schweitz.
AF Times 31:1+ Jul 28 '71

Foreign taxes on overseas activities of the Defense
Department. Maj Peter D. Ehrenhaft. illus AF
JAG L Rev 12:290-297 Fall '70

Hill groups vow aid to servicemen (on) moving tax.
AF Times 31:13 May 26 '71

Home for EM widows granted tax exemption. AF
Times 31:8 Jun 23 '71

IRS--five years of computers. Govt Exec 3:18
Apr '71

IRS gives ruling on overseas child. AF Times 31:18
Mar 3 '71

IRS probes CHAMPUS tax fraud. AF Times 31:24
Jun 2 '71

1971 pay checks to change--raises or no. AF Times
31:3 Jan 20 '71

Pay bill ups tax gain. tab AF Times 31:1+ Apr 28 '71

Some states add tax benefits. AF Times 31:18
Mar 3 '71

Tax break--'in kind' travel exempt. AF Times 32:2
Dec 22 '71

Tax breaks set on DLA, Viet leave. AF Times 31:16
Mar 17 '71

Tax cuts benefit low ranks most. Bob Horowitz. AF
Times 32:13 Dec 29 '71

Tax on packaging? (Statement before the Finance
Committee, New York City Council, 1971)
Norman L. Dobyns. illus Review 51:36+ Sep-Oct '71

Tax relief bill nears enactment. AF Times 32:15
Dec 8 '71

Tax-squeeze relief faces time squeeze. AF Times
32:8 Sep 8 '71

Tax tips for servicemen. Alvin M. Hattal. illus Army
Dig 26:4-8 Apr '71

Travel costs deductible. Capt Rufus C. Young, Jr.
MarCor Gaz 55:15-16 Aug '71

War zone tax data given. AF Times 31:16 Mar 10 '71

Your tax deductions. Edgar D. York. illus Air Re-
servist 23:4-5 Feb '71

TAYLOR, Maxwell D.

New concept of security. Gen Maxwell D Taylor
Ordnance 56:30-31 Jul-Aug '71

Why does this area (North Central Missouri) grow
great generals? Col William G Stewart. por biog
Army 21:44-45 Jun '71

TAYLOR, Ralph G., Jr

General at Scott (AFB, Ill) retires. por AF Times
51:34 Mar 31 '71

TEACHERS AND TEACHING

See also
Instructor Pilots

(AF) Academy wants best officers for faculty. AF
Times 32:15 Dec 1 '71

(U) (Academic) Instructor Course--class teaches
teachers. illus AF Times 32:59 Nov 17 '71

and exaggerate. TSgt George H. Barrett.
USAF Instrs J 8:18-20 Winter '70 '71

Back to the field. Maj James H. Braatz. USAF
Instrs J 8:33-35 Spring '71

Benefits of instructor duty. Capt James F. M. H.
USAF Instrs J 8:56-58 Fall '71

Biggest permanent knowledge (USAF Instructor
Pilot School, Randolph AFB, Tex).
Capt Robert J. M. Cusker and Philip A. Merkel.
USAF Instrs J 8:3-12 Spring '71

Building a teaching theory. Capt James C. Gaston. USAF
Instrs J 8:1-24 Spring '71

Building a simulated instruction. Infantry School,
Fort Benning, Ga. Lt Col Thomas H. Dodds. illus
and text 51:19 Sep '71

Credibility dilemma. Capt James S. Austin, Jr.
USAF Instrs J 5:33-35 Winter '70-'71

An educational crisis (calls for change in training
philosophy). MGySgt R. J. Reynolds and GySgt R. R.
Sorensen. illus MarCor Gaz 55:31-33 Dec '71

Help at the learning center (U.S. Army Aviation
School, Fort Rucker, Ala). Lt John H. Zwaren-
steyn. illus USA Avn Dig 17:26-28 Apr '71

Human needs and instructor recognition. Capt Dennis
J. Duffin. USAF Instrs J 9:61-64 Summer '71

Influencing factors of motivation. MSgt Robert L.
Hertzog. USAF Instrs J 9:57-60 Summer '71

The instructor evaluation. TSgt Kenneth F. Maloney.
USAF Instrs J 9:22-24 Summer '71

The instructor is essential. Joseph P. Lamos. USAF
Instrs J 8:55-59 Spring '71

Instructor recognition--the 1970 outstanding NCO
Academy instructors. illus USAF Instrs J 8:2-3
Winter '70-'71

Invasion or innovation. Capt William E. Flinn. USAF
Instrs J 8:50-51 Winter '70-'71

Job training--spinoff from the military. Govt Exec
3:12 Jan '71

A key ingredient. Leighroy De Witt. USAF Instrs J
8:61-63 Winter '70-'71

Learning center approach. Capt Jack A. Romines.
illus USAF Instrs J 8:7-11 Spring '71

TEACHERS AND TEACHING - Continued

A motivational philosophy. Maj John P. Rolse. illus
USAF Instrs J 9:33-35 Fall '71

Mutual misperceptions: The academic and the soldier
in contemporary America. Col Donald F. Blatz.
illus Parameters 1:2-13 Fall '71

Navigator instructor training. Lynn T. Miller. illus
USAF Instrs J 8:60-64 Spring '71

Red Barons all. (Fighter Weapons Instructor Course,
Fighter Weapons School, Nellis AFB, Nev) Capt
Ralph T. Hood. USAF Instrs J 9:17-19 Fall '71

Reflected attitudes. MSgt Kenneth J. Urbanowicz.
USAF Instrs J 9:50-52 Summer '71

Remaining constant through change. (Academic In-
structor Course) Col William L. Brinson. USAF
Instrs J 9:4-7 Summer '71

Selecting team leaders. LtCol William J. Fiorentino
and Maj Gary L. Silcott. tabs USAF Instrs J 9:39-
43 Fall '71

Selecting technical instructors. Earl R. Barbour.
USAF Instrs J 9:12-14 Summer '71

Student evaluation of instruction: A primary feedback
method. Maj William A. Lang. illus tab Mil Rev
51:48-55 Jan '71

Teaching offers rewards. Robert E. Hicks. AF Times
32:13 Nov 17 '71

Team teaching in the ROTC. LtCol LaVern W. Larson
and others. illus Mil Rev 51:67-71 Jul '71

Teaming is tops for training. Maj Robert J. Nearine
and Richard G. Woodward. illus Mil Rev 51:72-75
Jul '71

They're here (VNAF students at U.S. Army's ad-
vanced helicopter training program, Fort Stewart,
Ga). Capt James B. McKenzie, Jr. illus USA Avn
Dig 17:10-14 Feb '71

USAF School of Aerospace Medicine Outstanding In-
structor Awards, 1970: LtCol Walter C. Barnes,
Maj Hugh F. Mulligan, SMSgt John L. Lund, and
TSgt John P. Gibeau. illus USAF Instrs J 8:2-3
Spring '71

Using Newton's first law. Capt J. Bradley Stiles.
USAF Instrs J 9:25-28 Summer '71

Weapons instructor training. Capt George C. Steere.
illus USAF Instrs J 9:12-16 Fall '71

Who needs you? Donald O. Van Gilder. USAF Instrs J
9:48-49 Summer '71

Methodology

The developmental approach (at Technical Training
Centers). Joseph Mione and TSgt Bernard J.
Nichols. USAF Instrs J 9:48-50 Fall '71

Impressions of AIC (Academic Instructors Course).
Maj Michael R. Jusko. USAF Instrs J 9:69-72
Summer '71

The in-basket test (at Army Signal Center and School,
Fort Monmouth, NJ). Donald Halbedl. Signal
26:37-38 Dec '71

Instructional revolution. Brenton R. C. Brewer. illus
USAF Instrs J 8:8-12 Winter '70-'71

Leadership through group dynamics (at 2d Marine
Division SNCO Leadership School). Maj H. L. Seay.
illus MarCor Gaz 55:26-32 Sep '71

TEACHERS AND TEACHING - ContinuedMethodology - Cont'd

Practical Application Laboratory (at OTS, Lackland AFB, Tex). Capt Donald F. Giglio. USAF Instrs J 8:43-46 Spring '71

Sequence of instruction. LtCol Marshall A. Dean, Ret illus USAF Instrs J 9:53-56 Summer '71

Systemization: Facts and fiction. MSgt Clinton C. Dragoo. USAF Instrs J 9:29-32 Summer '71

TEACHING MACHINES see Programmed Learning

TECHNICAL EDUCATION see Education, Technical

TECHNICAL ORDERS

Four minutes. MSgt Donald G. Kohl. illus Aerosp Safety 27:10-11 Mar '71

Make the '22 work for you. Maj Donald M. Cassiday, Jr. illus Aerosp Safety 27:22-23 Jan '71

Preparing, issuing local workcards/checklists. TIG Brief 23:19 Jun 18 '71

Save 5 minutes--lose 1 aircraft. illus Aerosp Safety 27:24-25 Jan '71

To be or not to be. SqLdr Donald Melvin. Aerosp Safety 27:5 Apr '71

TECHNICAL PERSONNEL see Manpower, Technical

TECHNOLOGYSee also

War and Technology

AOC (Assoc of Old Crows): A key to technological progress. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) A.R. Matthews. illus map tabs Elect Warfare 3:4-5+ Summer '71

Advances in space research and technology. (Report on British Interplanetary Society Symposium, University College, London, Sep 16-17, 1970) John Millburn. Spaceflight 13:78-80 Feb '71

The aerospace industry looks ahead. John W. Anderson. Signal 25:194 Jun '71

Air Force (fly-before-you-buy) policy letter. Robert C. Seamans, Jr. Elect Warfare 3:10 Convention Issue '71

Air Force technical intelligence. Col Robert B. Kalisch. illus AU Rev 22:2-11 Jul-Aug '71

Application of technology (on environment). BrigGen John D. Peters. illus AF Civil Engr 12:2-4 Aug '71

Challenge to technology. Edward G. Uhl. illus Ordnance 56:32-34 Jul-Aug '71

Challenges for Air Force people. (Remarks, 23d National Conclave, Arnold Air Society, Hollywood, Fla, April 15, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:20-24 Jul '71

Civilian application of EW technology. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) George H. Thiess. Elect Warfare 3:7+ Summer '71

Doing more with less through technology. (Address, Dallas Chapter, AFCEA, Dec 10, 1970) BrigGen Jack B. Robbins. AF Plcy Ltr for Comdrs: Sup No. 4:9-16 Apr '71

TECHNOLOGY - Continued

Doubts about technology: Are they valid? illus Space World H-8-92:14-16 Aug '71

The ecological crisis. Myron Tribus. illus Govt Exec 3:26-27 Dec '71

Electronic warfare technology--a State-of-the-Art report and a projection into the next decade. M. Halpern. illus Signal 25:22-25 Jan '71

The engineering aspects of the communications transition. (Address, AFCEA, Washington, June 9, 1971) Lee L. Davenport. Signal 25:56-59 Aug '71

Evolution of communications systems. (Address, AFCEA, Washington, June 9, 1971) Col Howard E. McCormick. Signal 25:61-63 Aug '71

Expanding utilization of satellites. (Address AFCEA, Washington, June 9, 1971) Edgar A. Grabhorn. Signal 25:64-69 Aug '71

FY 1972 Defense RDT&E program: Research and development in U.S. Defense Posture. John S. Foster, Jr. illus tab Def Ind Bul 7:1-7 Summer '71

From transistor to micro-electronics. (Address, AFCEA, Washington, June 8, 1971) BrigGen Harold W. Rice. illus tabs Signal 25:38-41 Aug '71

Government-industry technological cooperation. (Address, AFCEA, Washington, June 8, 1971) David R. Hull. Signal 25:49-50 Aug '71

The impact of technology on management. Joe C. Jones. illus Def Mgt J 6:16-18 Feb '71

Less money, fewer people, more technology. (Remarks, Alamo Chapter, AFA, San Antonio, Sep 29, 1971) Gen John C. Meyer. AF Plcy Ltr for Comdrs: Sup No. 12:19-24 Dec '71

More communications for the DOD dollar. (Address, AFCEA, Washington, June 10, 1971) Barry J. Shillito. illus Signal 25:24-26 Aug '71

NASA and progress. Frank R. Troutman. Elect Warfare 3:18+ Summer '71

New men, new materiel. Gen Henry A. Miley, Jr. illus Ordnance 55:436-439 Mar-Apr '71

The next 25 years (in the communications-electronics field). Dause L. Bibby and others. illus Signal 25:44-47+ Jun '71

Ocean surveillance--new weapon of naval warfare. CAPT Frank B. Murphy, Ret. illus US Nav Inst Proc 97:38-41 Feb '71

(Pacifist scientists attack John S. Foster, Jr for his suggestions on Russia's overtaking the United States in science and technology) LtGen Ira C. Eaker, Ret. AF Times 31:13 Jun 23 '71

R&D: Key to our nation's strength. (Remarks, Instrument Society of America, Philadelphia, Oct 26-29, 1970) David Packard. Signal 25:6-8 Mar '71

Red China's first Earth satellite. Niu Sien-Chong. NATO's Fifteen Nations 16:78+ Jun-Jul '71

Research today--a shaky problem. Editorial. W. J. Baird. illus Signal 26:5 Dec '71

Science and technology: 'A positive outlook.' (Condensed from speech, Aviation/Space Writers Assoc, Washington, May 27, 1971) Wernher von Braun. (Reprinted from Aerospace, July 1971) Space World H-11-95:24-25 Nov '71

TECHNOLOGY - Continued

- Science, technology, and change: Implications for the Navy. Col Raymond C. Shreckengost. illus Nav War Col Rev 24:1-16 Nov '71
- Science under siege. Willard F. Rockwell, Jr. Ordnance 56:60-61 Jul-Aug '71
- Something borrowed... something new? ('Spin-offs') RADM Francis J. Fitzpatrick. Signal 25:19-20 Jan '71
- Soviet submarine threat--worse than you thought. Norman Polmar. illus tab Navy 14:6-13 Jul-Aug '71
- Space age technology for ground communications. (Interview with Edward Berg) illus Signal 25:34-37 May '71
- Special duty officer for systems analysis: A proposal. LCDR John S. Gubbings. illus Nav War Col Rev 24:17-24 Nov '71
- 'Spin-offs' to progress. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) Al Behnke. Elect Warfare 3:12+ Summer '71
- Technological forecasting: Approaches, techniques, and theory. CAPT James C. Van Pelt. Persp in Def Mgt, pp 47-56, Jan '71
- Technology, national security and domestic progress. (Remarks, Commonwealth Club of California Meeting, San Francisco, Feb 19, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 4:2-8 Apr '71
- Threats to U.S. and Free World security. (Excerpts from Defense Posture Statement) Melvin R. Laird. illus Def Ind Bul 7:8-11 Spring '71
- Trends and future of telecommunications. Henri Busignies. Signal pt 1, 26:16-19 Nov '71; pt 2, 26:18-21 Dec '71
- (U.S. faces "scientific starvation" as thousands of scientists and engineers are without jobs) Signal 25:166 Jun '71
- The USSR is headed toward technological superiority. Interview. John S. Foster, Jr. illus AF Mag 54:28-35 Aug '71
- The world of change. H. Paul Ecker. illus Armed Forces Compt 16:4-8 Spring '71

Educational Applications
See Educational Technology

History

- Technology and strategy: A study in the professional thought of the U. S. Navy, 1900-1916. (Research paper, Naval War College, 1971) Lt John B. Hatendorf. illus Nav War Col Rev 24:25-48 Nov '71

TELECOMMUNICATIONS see Communications Systems

TELEMETRY

- Acceleration and opening shock forces during free-fall parachuting: Physiological studies of military parachutists via FM/FM telemetry--III. Donald H. Reid and others. illus tabs Aerosp Med 42:1207-1210 Nov '71
- An automatic device for recording blood pressure. Heriberto Fernandez and Robert Robinson III. illus Aerosp Med 42:209-210 Feb '71
- Data for deterrence. MajGen William C. Garland. illus Combat Crew 22:2+ Oct '71

TELEMETRY - Continued

- Heart rate and respiration rate response to parachuting: Physiological studies of military parachutists via FM/FM telemetry--II. Donald H. Reid and others. illus tabs Aerosp Med 42:1200-1207 Nov '71
- Megabits by bits, missile data grows. AF Times 31:38 Mar 10 '71
- The Navy's telemetry system program. Brent D. Peterson. illus Signal 26:14-17 Dec '71

TELEPHONES AND TELEPHONE SERVICE

- Communications discipline. Col A.J. Sabel. Signal 25:44-46 May '71
- Communications serving computers. (Address, AFCEA, Washington, June 10, 1971) Armig G Kandoian. Signal 25:86-88 Aug '71
- Conditioning of circuits for digital data transmission. Leon H. Rovick. Signal 25:38-40 Mar '71
- The contribution of competition to our developing communications system. (Address, AFCEA, Washington, June 9, 1971) Kenneth A. Cox. Signal 25:59-60 Aug '71
- The engineering aspects of the communications transition. (Address, AFCEA, Washington, June 9, 1971) Lee L. Davenport. Signal 25:56-59 Aug '71
- A forward look (at computers and communications in the 1970's. (Address, AFCEA, Washington, June 10, 1971) Lawrence G. Roberts. illus map Signal 25:77-81 Aug '71
- Long distance dialing comes to Southeast Asia. LtCol Charles S. Richardson. illus Signal 25:10-13 Mar '71
- Magnetic bubbles: A new technology for telephone systems. A.H. Bobeck. illus Signal 26:14-16 Oct '71
- Marines and the mobile message. Alvin Lemack and Clarence Sidlo. illus Signal 25:73-74+ Jun '71
- Operational event/incident reports. TIG Brief 23:17 Feb 12 '71
- Telephone discipline. TIG Brief 23:7 Dec 31 '71
- The trend of telecommunications in Korea. Kim Hyong Su. tab Signal 26:32-33 Sep '71
- What's WATS (Wide Area Telephone Service). TIG Brief 23:17 Jun 18 '71

TELESCOPES

- Lunokhod I on the expansion of the universe. Sergei Mandelshtam. Space World H-4-88:46 Apr '71
- OAO-B--world's largest space astronomy telescope. map illus (Also cutaway) Space World H-4-88:10-15 Apr '71
- Skylab X-ray telescope. illus (Also cutaway) Spaceflight 13:124 Apr '71
- Space station: Key to the future. illus (Also cutaways) Space World H-2-86:6-44 Feb '71
- Telescope in a balloon--how it works. illus (Also cutaways) Space World H-11-95:4-10 Nov '71
- Telescopic observations of lunar missions. J.O. Cappellari, Jr and W.I. McLaughlin. illus tab Spaceflight 13:363-367+ Oct '71

TELESCOPES, RADIO

The Ooty (India) radio-telescope. H. P. Mama. illus Spaceflight 13:58-60 Feb '71

TELEVISION

Cable TV. Dean Burch and Clay Whitehead. Signal 26:36-39 Oct '71

("Opening-up" microwave band to VHF would greatly expand television channels) Signal 25:97 Jan '71

TV inspection and chemical grouting of sanitary sewer lines. Bruce C. Gandy. illus AF Civil Engr 12:6-7 Feb '71

Videorecords--the latest in audio-visual technology. illus Signal 25:36-37 Mar '71

(World's first computer-based typesetting system that uses television graphics) Signal 25:180-181 Jun '71

Military Applications

(Smallest television camera) illus Signal 25:67 Jul '71

TV studio for training purposes. Capt A. Karpov. illus Soviet Mil Rev No. 8:38-39 Aug '71

Tactical air to surface weapons. John Marriott. illus tab Intl Def Rev 3:162-166 Jun '71

Training by television. (SAC mobile television van) illus Airman 15:37-38 Oct '71

Programs and Programming

CBS won't do it again. Claude Witze. illus AF Mag 54:14-16 Aug '71

TV news reports damaging. LtCol Tom D'Andrea. MarCor Gaz 55:57 May '71

TELEVISION IN ASTRONAUTICS

'Firsts' seen in Apollo 15. AF Times 31:59 Jul 7 '71

TELEVISION IN EDUCATION

Griffiss (AFB, NY)'s TV teacher talks back to students. AF Times 31:36 Feb 24 '71

India's domestic communications satellite. Hormuz P. Mama. illus Spaceflight 13:446-448 Dec '71

TV studio for training purposes. Capt A. Karpov. illus Soviet Mil Rev No. 8:38-39 Aug '71

Television. Capt Matthew E. Simek and AlC Jerome W. Hudson. illus USAF Instrs J 8:52-55 Winter '70-'71

Training by television. (SAC mobile television van) illus Airman 15:37-38 Oct '71

TEMPERATURESee also

Heat

Use of skin temperature to predict tolerance to thermal environments. P.F. Iampietro. illus tabs Aerosp Med 42:396-399 Apr '71

TEMPORARY DUTY

TDY in conjunction with PCS. TIG Brief 23:20 Apr 9 '71

TERMINALS, TRANSPORT

Cardpac! Joseph R. Simone. illus Translog 2:8-10 Aug '71

TERMINALS, TRANSPORT - Continued

Cargo terminal analysis. J.D. Stites. illus tabs Def Trans J 27:36-40 Mar-Apr '71

The other ports. illus Translog 2:16-19 Sep '71; South Atlantic outport. 2:15-16 Oct '71

The port that traffic management built. Leslie R. Bellows. illus Translog 2:16-18 May '71

TERMINOLOGY

See also subdivision Terminology under specific subjects

How to attend a conference. S.I. Hayakawa. (Reprinted from Etc, Autumn 1955) illus Armed Forces Compt 16:32-35 Fall '71

Loose language and other hazards of the trade. Maj Thomas M. Johnson. illus Armor 80:36-39 Jan-Feb '71

TERRORISM

Bomb threats. TIG Brief 23:20 May 7 '71

Terrorism as a political weapon. Jay Mallin. tab AU Rev 22:45-52 Jul-Aug '71

TEST FACILITIES

Better guns for choppers. Alexander Hammer. illus Ordnance 56:138-142 Sep-Oct '71

French space technology--down-to-earth, yet way up there. (Trans from a French publication) illus Space World H-9-93:23-27 Sep '71

New role for Aberdeen (Proving Ground, Md). (Merger with Edgewood Arsenal) Col Warren D. Hodges. illus Ordnance 56:132-135 Sep-Oct '71

Wright-Patterson (AFB, Ohio) opens large recon test facility. AF Times 31:38 Jul 28 '71

TESTS AND MEASUREMENTS

Airman hike Reg(ulation AFR 39-29): Digest of policies. AF Times 32:5 Sep 22 '71

Application of college and flight background questionnaires as supplementary noncognitive measures for use in the selection of student naval aviators. Ronald M. Bale and Rosalie K. Ambler. tabs Aerosp Med 42:1178-1181 Nov '71

Division of super pay, WAPS could hurt. AF Times 32:17 Nov 24 '71

800,000 test under WAPS--3 times for some. AF Times 31:6 Apr 7 '71

Flying and expressive self-testing: An exploratory consideration. John M. Roberts and CDR James O. Wicke. tabs Nav War Col Rev 23:67-80 Jan '71

Improved report card eyed. AF Times 31:3 Mar 31 '71

The in-basket test (at Army Signal Center and School, Fort Monmouth, NJ). Donald Halbedl. Signal 26:37-38 Dec '71

Majority likes WAPS, airman survey indicates. AF Times 31:3 Feb 10 '71

Many odd factors can alter (WAPS) scores. Bruce Callander. AF Times 31:13 Mar 24 '71

Minorities benefited by AFROTC change. AF Times 32:2 Dec 22 '71

TESTS AND MEASUREMENTS - Continued

NCOs revise job skill tests. AF Times 31:36
Apr 28 '71

The new EM hike philosophy. AF Times 32:13
Sep 8 '71

New look at WAPS. Maj Loren B. Leonberger.
illus Airman 15:33-35 Jun '71

New rules established on WAPS test taking. AF Times
31:8 May 26 '71

PFE (Promotion Fitness Examination) study manual
coming. AF Times 32:8 Oct 13 '71

Pass-fail adopted by AIC (Academic Instructor
Course). AF Times 32:8 Dec 15 '71

ROTC (AF Officer) Qualifying Test hit--other parts
of program praised. AF Times 31:47 Jun 9 '71

Scores given for E-5 hikes. AF Times 32:43
Dec 22 '71

Several thousand untested in WAPS. AF Times 31:11
Jun 23 '71

Split of hikes, super pay poses multiple problems.
AF Times 32:21 Sep 29 '71

Super pay based on 'percent right.' AF Times
32:22 Oct 13 '71

Super pay eyed for more airman. AF Times 32:3
Nov 3 '71

Super-pay plan panel meets--work begins on revision.
AF Times 31:13 Jun 2 '71

Test for E-8 hike needed by July 1. AF Times 31:5
Jun 16 '71

Test scores confusing. Bruce Callander. AF Times
31:13 Mar 17 '71

Tests begin anew for WAPS--cycle starts in August.
AF Times 31:17 Feb 17 '71

WAPS data given--few skills exceed 50% selection
rate. AF Times 32:10 Aug 11 '71

WAPS not fixed, as changes show. Bruce Callander.
AF Times 32:13 Oct 6 '71

WAPS scores use percent. Bruce Callander. AF
Times 32:14 Sep 29 '71

WAPS security stressed. AF Times 31:9 May 26 '71

WAPS standing bared. AF Times 32:29 Aug 18 '71

WAPS: The middle ground. Bruce Callander. AF
Times 31:13 Feb 3 '71

Weighted Airman Promotion System (WAPS) "no
shows" on testing and verification of promotion
data. TIG Brief 23:7 Jun 18 '71

Study and Teaching

PFE (Promotion Fitness Examination) study manual
coming. AF Times 32:8 Oct 13 '71

TEXTILE INDUSTRY AND TRADESee also

Clothing, Protective
Space Clothing
Uniforms

TEXTILE INDUSTRY AND TRADE - ContinuedUnited States

Clothing and Textiles Seminar. (DSA Convention,
1971) A. Anthony and others. illus Povich.
51:53-54, 55 Dec '71

THAILAND

Developing resource management systems in
Thailand. Maj Herbert C. Puschek. illus chart.
Armed Forces Comput 16:18-21 Fall '71

Foreign PolicyHistory

The changing Thai-United States alliance: Implica-
tions for the Nixon doctrine in Asia. ENS John D.
Caswell. illus Nav War Col Rev 24:59-75 Oct '71

Foreign Relations--U.S.

The changing Thai-United States alliance: Implica-
tions for the Nixon doctrine in Asia. ENS John D.
Caswell. illus Nav War Col Rev 24:59-75 Oct '71

THERMAL BARRIER

How to hang your curtains--on a '135! 1stLt Thomas
M. Ballagh. illus Combat Crew 22:18-20 Jul '71

THINK TANKS see Research CentersTHOMAS, John M.

Naval training czar (Naval Training Command,
Pensacola, Fla). L. Edgar Prina. por Navy 14:35-
36 Jul-Aug '71

THOUGHT AND THINKINGSee also

Decision Making
Problem Solving

Developing tactical thinking. LtCol I. Vydrin. illus
Soviet Mil Rev No. 6:25-27 Jun '71

Evolution of Soviet military thinking. Alfred L. Monks.
illus tab Mil Rev 51:78-93 Mar '71

THRUST

Controlling the thrust of rocket engines--a State-of-
the-Art survey. Neil A. Zarin. (Reprinted from
Research Trends, Winter 1971) illus (Also cut-
aways) Space World H-5-89:30-34 May '71

Reverse thrust. Aerosp Safety 27:18 May '71

THUNDERBIRDS

Thunderbirds set for new season. illus AF Times
31:38 Feb 24 '71

The Thunderbirds--what it's really like to be an
ambassador in blue. (Interview with Capts Joe
Howard and Jerry Bolt) illus Interceptor 13:5-9
Nov '71

USAF Thunderbirds. illus USAF Ftr Wpns Rev No. 1:
8-9 Spring '71

THUNDERSTORMS

Authority of the pilot. illus Approach 16:6-8 Jun '71

Mini thunderstorm. Maj Eugene B. Brock. Aerosp
Safety 27:5 Aug '71

Pilot vs thunderstorms and turbulence. Maj Bobby S.
Potect. illus Combat Crew 22:16-18 Mar '71

THUNDERSTORMS - Continued

To come in out of the rain. illus Aerosp Safety 27: 6-7 Sep '71

THURMOND, Strom

Group of 16 senators join Thurmond on bill to create commission for study of Reserves. Officer 47:7 Jun '71

House Speaker (Carl) Albert pays tribute to "old friend" in presenting ROA Minute Man of Year Award (to Sen Strom Thurmond at ROA Banquet, Feb 19, 1970). por Officer 47:7+ Apr '71

1971 Mid-Winter plan announced, Sen Thurmond to get "Minute Man" Award. Officer 47:8 Jan '71

Priorities have shifted from Defense to Welfare, Sen Thurmond declares. Officer 47:8 Jan '71

ROA adds most prized award ("Minute Man of the Year") to Sen Thurmond's many honors. por Officer 47:14-15+ Feb '71

Sen Thurmond (accepts Minute Man Award at ROA Banquet, Feb 19, 1970): "Great problems in the years ahead." Officer 47:7+ Apr '71

Sen Thurmond, ROTC cadets to share honors at 1971 (ROA) Mid-Winter Conference at Washington (Feb 18-19, 1971). Officer 47:4 Feb '71

Sen Thurmond sounds warning on Naval Reserve. Officer 47:7 Jun '71

TIME

See also
Space and Time

Right on time--right on! illus Interceptor 13:5-7 Mar '71

Time--can you manage it? Col Rex Wing. illus Army Log 3:28-32 Nov-Dec '71

TIME MEASUREMENT

Civilian application of EW technology. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) George H. Thiess. Elect Warfare 3:7+ Summer '71

(Standardization of Greenwich Mean Time and International Atomic Time) Signal 25:68 Apr '71

Time and frequency standardization. (Address, AFCEA, Washington, June 8, 1971) RADM Raymond J. Schneider. illus maps Signal 25:42-45 Aug '71

TIRES

See also
Airplanes, Military--Tires

Engineers develop revolutionary tire. AF Times 31:22 Feb 10 '71

First moon tyre. Spaceflight 13:135 Apr '71

Lt (William B. Cave) gives stars briefing on truck tires. AF Times 31:55 Jun 23 '71

Moon tires are flat tires on Earth. illus Space World H-9-93:9-11 Sep '71

Tubeless tyres. LtCol I. Belenky. illus (Also cutaway) Soviet Mil Rev No. 5:34-35 May '71

TITANIUM see Metals

TITO, Josip B.

Tito's Army. LtCol P.S. Turner. illus Royal United Svcs Inst for Def Studies J 116:63-66 Sep '71

TOLLEY, Kemp

The bear that swims like a fish. RADM Kemp Tolley. Ret. illus US Nav Inst Proc 97:41-45 Jun '71

TOLSON, John J., III

Pegasus. LtGen John J. Tolson III. illus maps Army 21:10-19 Dec '71

TOOLS

Airplanes or bicycles. (Reprinted from Aerospace Safety, May 1970) illus Interceptor 13:16-17 Feb '71

Is your shop safe? Clarence J. Carter. USA Avn Dig 17:43 Nov '71

On the moon with Apollo 15. Gene Simmons. map illus tab Space World H-10-94:4-37 Oct '71

A place for everything (composite tool kit). SqLdr Keith H. Johnson. illus Aerosp Safety 27:18-22 Jul '71

The simple task of torquing aircraft hardware. Aerosp Safety 27:9 Dec '71

Unwanted tools. Capt Larry J. Marty. illus USA Avn Dig 17:4-5 Aug '71

TORNADOES

Guard answers 'quake, tornado and riot calls. Natl Guardsman 25:34 Mar '71

Lion-like February forces relief duty for Guardsmen. illus Natl Guardsman 25:30 Apr '71

TORQUE

The simple task of torquing aircraft hardware. Aerosp Safety 27:9 Dec '71

TOTAL OBJECTIVE PLAN FOR CAREER AIRMAN PERSONNEL see TOP CAPTOTAL OFFICER PERSONNEL OBJECTIVE STRUCTURE FOR THE LINE OFFICER FORCE see TOPLINETOURS OF DUTY

See also
Assignments, Military
Permanent Change of Station
Remote-Isolated Duty
Temporary Duty

Air Force PCS moves cut. Armed Forces J 108:14 Feb 15 '71

Base-choosing made easier--odds better, still not certain. AF Times 31:54 Aug 4 '71

Base-swap deal: Common sense needed to 'beat' the program. AF Times 31:10 Jun 23 '71

Choice of base tougher. AF Times 31:4 Apr 14 '71

Couples advised on tours. AF Times 31:9 Jun 2 '71

Earlier-notice plan delayed. AF Times 31:8 Jun 2 '71

Fewer to take second SEA Tour. Bruce Callander. AF Times 32:1+ Nov 10 '71

48 month tours set--some to stay extra year overseas. Bruce Callander. AF Times 31:1+ Feb 17 '71

TOURS OF DUTY - Continued

Limit of 48 months set for total service in SEA. AF Times 32:5 Nov 24 '71

No cut seen in four-year overseas tour. AF Times 31:58 Jul 7 '71

O'sea tours shortened--'73 retirees get break. AF Times 31:5 Aug 4 '71

PCS changes and you. AF Times 31:3 Feb 17 '71

Pregnant pauses ordered. AF Times 31:11 Jul 28 '71

Reserve officer tours cut 2 months by Army. AF Times 32:10 Sep 15 '71

Return-to-SEA forecast cut. AF Times 31:3 Feb 24 '71

Re-ups get base choices. Bruce Callander. AF Times 31:1+ Apr 14 '71

Sad site 'shuttles' to end. Bruce Callander. AF Times 32:1+ Oct 20 '71

"Short tours" open for Air Guard communicators. Natl Guardsman 25:14 Jun '71

Standard overseas tour lengthened to 48 months. Contact 25:20 Mar-Apr '71

'Swaps' program to offer broader choice. AF Times 32:10 Sep 29 '71

Tour relief studied. AF Times 31:2 Apr 7 '71

Tours cut at 40 sites. AF Times 31:1+ May 26 '71

Turbulence and Army readiness. Lloyd Norman. illus Army 21:10-14 Jul '71

TOWNER, Alonzo A.

Future trends in military health care. (Address, 20th International Congress of Military Medicine and Pharmacy, Brussels, Belgium, June 27, 1971) LtGen Alonzo A. Towner. AF Plcy Ltr for Comdrs: Sup No. 12:13-18 Dec '71

TRADE UNIONS see Labor UnionsTRADITIONS, MILITARYSee also

Customs, Military

The eagle screams. Philip R. Smith, Jr. illus Soldiers 26:12-13 Jun '71

I christen thee: State names return to the fleet, and other comments on the gentle art of naming ships. Capt Frank V. Rigler, Ret. illus Sea Power 14:18-23 Oct '71

Make it right. Gen Leonard F. Chapman, Jr. illus MarCor Gaz 55:18-20 Jan '71

Navy must change to survive in coming all-volunteer age. Stephan A. Schwartz. illus Navy 14:15-20 Jan '71

The Sukhomlinov effect. Capt Charles J. Quilter II. MarCor Gaz 55:49-50 Aug '71

TRAFFIC ACCIDENTS see Accidents, TrafficTRAFFIC MANAGEMENTSee also

Military Traffic Management and Terminal Service

TRAFFIC MANAGEMENT - Continued

Another routine charter flight? Socked in airport provides problem, MTMTS and ITOs (Installation Transportation Officers) find solution. Translog 2:17 Oct '71

DISREPS = Discrepancy In Shipment REPorting System (point and pointers). John C. Howard. illus Translog 2:19-22 Aug '71

Export shipment requiring routing releases. TIG Brief 23:4-5 Jun 4 '71

Getting involved is our business. James E. Murphy. illus Translog 2:2-5+ Feb '71

Imagination + expertise = dollars saved. BrigGen E. B. Owen. illus Translog 2:2-4 Aug '71

Motor vehicle traffic supervision. TIG Brief 23:20 Jan 15 '71

National Bus Military Bureau helps transportation officers coordinate passenger moves. illus Translog 2:6-8 Nov '71

New directions in highway safety (traffic signs). Michel R. Scott. illus Translog 2:8 Nov '71

New uniform traffic control devices. illus TIG Brief 23:27 Mar 12 '71

Nineteen reasons why traffic managers need to come to MTMTS for assistance and information. Paul R. Chagnon. illus Translog 2:8-9 May '71

On course by computer. Jack L. Bailey. illus Def Trans J 27:56-59 Sep-Oct '71

Planes, 'mule train' keep sites (in Korea) supplied. Sgt Bryan Raymond. AF Times 31:34 Jun 2 '71

Safeguarding small arms shipments. illus Translog 2:6-7 Mar '71

Sign bored? Not with these! Tom Dodds. illus Translog 2:5-6 Apr '71

Step by step. 1stLt Charles J. Rouse. illus Translog 2:19-21 Jun '71

Traffic engineering: An art and a science. Burton M. Rudy. illus Translog 2:2-4 Apr '71

Traffic men study moving problems. Paul Collins. AF Times 32:1+ Dec 15 '71

Traffic safety--Orbis means "watch out." illus Govt Exec 3:21 Jan '71

Waterfront strikes require traffic management changes. Translog 2: inside back cover Oct '71

Costs

MTMTS reports progress for FY 71. Translog 2:18-19 Oct '71

Study and Teaching

Room at the top. SP5 Ronald J. Dettmar. illus Translog 2:22-23 May '71

TRAILER-ON-FLAT-CAR

Modern independent management in rail container traffic--a European solution. Wolfman Bollhorn. illus Def Trans J 27:50-53 May-Jun '71

Perishables by piggyback--a containerization "natural" for FGE (Fruit Growers Express)-WFE (Western Fruit Express). Cleo Mandes. illus Def Trans J 27:38-40 May-Jun '71

TRAILERS

See also
House Trailers

TRAINING see Education and Training

TRAINING AIDS

See also
Audio-visual Instruction
Motion Pictures
Visual Aids

Airborne erector set (Lunar Landing Training Vehicle). MSgt Loren B. Leonberger. illus Airman 15:21-23 Feb '71

Here's a copter (Project Pacer Weld) that'll never fly. AF Times 31:16 Jun 30 '71

Made to order. Lt Harry Kingdom. illus Army Dig 26:31 Jan '71

Model rockets--useful teaching aids. illus Space World H-4-88:41-42 Apr '71

Two distinct "clicks." Capt William J. Ely, Jr. illus USA Avn Dig 17:19-21 Jan '71

TRANSFERS, MILITARY

Here are entered articles on interservice transfers; for intraservice transfers see Rotation.

Statistics

Officer transfers--40 enter, 12 leave in service shifts. AF Times 31:8 Jul 21 '71

TRANSIENT FACILITIES

Base 'motels' defended from attacks by industry. AF Times 32:10 Nov 3 '71

A spot of sunshine (at Buckley Air National Guard Base, Colo). illus Natl Guardsman 25:15 Jun '71

TRANSISTORS

From transistor to micro-electronics. (Address, AFCEA, Washington, June 8, 1971) BrigGen Harold W. Rice. illus tabs Signal 25:38-41 Aug '71

'Spin-offs' to progress. (Paper, DOD/AOC National EW Symposium, Washington, Oct 11-14, 1970) Al Behnke. Elect Warfare 3:12+ Summer '71

TRANSOCEANIC FLIGHTS

Studies on the Pacific area. Interavia 26:361 Apr '71

TRANSPORTATION

See also
Shipping

The sociological aspects of containerization. J. Ph. Backx. illus Def Trans J 27:42-45 May-Jun '71

Laws and Regulations

See also
Urban Mass Transportation Act of 1970

Far East

Transportation: A key to progress in the Asian rim countries. BrigGen John E. Murray. illus map Translog 2:2-4+ Jun '71

Pacific Region

Transportation aids activity boom in Pacific Basin. Henry S. Marcus. illus Def Trans J 27:34-37 Sep-Oct '71

TRANSPORTATION - ContinuedRussia

Motor sleighs and amphibian aero-sleighs--the transport fleet of the Soviet Far North. Alexander Blokhnin. illus Def Trans J 27:60-61 Sep-Oct '71

United States

Amtrak: A chance for survival. SP5 Ronald J. Deltmer and Tom Hook. illus map Translog 2:4-6 May '71

Amtrak's launching raises some serious questions--philosophical and otherwise. illus Govt Exec 3:44+ Jun '71

Computers in surface transportation--in the 70s and beyond. Ralph A. Hawkins. illus Def Trans J 27:31-33 Jan-Feb '71

Data coordination--is an integrated transportation system possible? Calvin D. Pease. illus Def Trans J 27:23-25 Jan-Feb '71

A fresh look at buses. Col Joe O. Bellino. illus Translog 2:5-6+ Jun '71

The government approach to the cargo security crisis. (Adapted from addresses, Joint Conference on the Cargo Security Crisis, Washington, June 17-18, 1971) Alan Bible and others. illus Translog 2:2-5+ Jul '71

Highways and national defense. F.C. Turner. Mil Engr 63:229-231 Jul-Aug '71

Mass transit--an LA to Vegas route? map Govt Exec 3:24 Jan '71

Modern truckers play an important role in international transportation trends. illus Def Trans J 27:32-35 Mar-Apr '71

Needed: A unified policy for intermodal transportation. S. Lynn Walton. illus Def Trans J 27:14-17 Nov-Dec '71

Tracked Air Cushion Vehicle (TACV). illus (Also cutaway) Def Trans J 27:45-47 Jul-Aug '71

Transportation data coordination. Edward A. Guilbert. illus Def Trans J 27:26-31 Jan-Feb '71

Transportation safety. Interview. LtGen Benjamin O. Davis, Jr., Ret. illus Def Trans J 27:18-22 Nov-Dec '71

U.S. Government transport agencies. illus charts Def Trans J 27:23-45 Nov-Dec '71

Urban mass transit: A multi-billion dollar investment. Interview. Carlos Villarreal. Govt Exec 3:31-33 Jun '71

The year ahead--challenge for 1971. John A. Volpe. illus Def Trans J 27:16-17 Jan-Feb '71

Costs

Those rising rail freight rates. 1stLt Charles J. Rouse. illus Translog 2:15-16 Mar '71

History

Modern showcase (Army Transportation Museum, Fort Eustis, Va) planned for transportation's past. illus Translog 2:7-9 Jun '71

Laws and Regulations

Needed: A unified policy for intermodal transportation. S. Lynn Walton. illus Def Trans J 27:14-17 Nov-Dec '71

TRANSPORTATION - ContinuedUnited States - Cont'dStatistics

National Bus Military Bureau helps transportation officers coordinate passenger moves. illus Translog 2:6-8 Nov '71

TRANSPORTATION, AIRSee also

Air Cargo
Aviation, Commercial

United States

For U.S. short-haul: Turboprop or fanjet STOL? Edgar Ulsamer. illus Aerosp Intl 7:50-52 Mar-Apr '71

NASA funds study for new SST design. Armed Forces J 108:19-20 May 3 '71

TRANSPORTATION, AIR (MILITARY)See also

Air Cargo
Airdrop
Airlift
Movement Control

Requests for foreign operating and military rights. TIG Brief 23:25 Mar 12 '71

Costs

DOD passenger + scheduled air = big business. Col Joe O. Bellino. illus Translog 2:2-5 Sep '71

Canada

Canada's quick-reaction Transport Command. Bryan Philpott and Alan Hall. illus Air Pict 33:92-93 Mar '71

Great Britain

Air Support Command--its role and capability. AM Harry Burton. illus Royal United Svcs Inst for Def Studies J 116:5-12 Sep '71

United States

But who takes care of the water boy? (Mission support flying) Maj Richard L. Wing. illus MAC Flyer 18:4-8 Jun '71

Coming? Tandem base logistics support. Maj William G. T. Tuttle, Jr. illus Army Log 3:12-15+ Nov-Dec '71

Containerization and the Department of Defense. Vincent F. Caputo. illus Def Trans J 27:34-37 May-Jun '71

Transportation of alcoholic beverages in USAF aircraft. TIG Brief 23:7 Jul 23 '71

Transportation of gifts and donated materials on military aircraft. TIG Brief 23:11 Dec 3 '71

TRANSPORTATION, MILITARYSee also

Movement Control

Ammo moves to Europe via LASH (Lighter Aboard SHip)/barge. Maj Paul P. Leitz. illus Translog 2:4-5 Oct '71

Army gets sea role. illus Army Log 3:10-11 May-Jun '71

TRANSPORTATION, MILITARY - Continued

Army run ocean transport? L. Edgar Prina. illus Navy 14:35-37 Apr '71

CADS (Containerized Ammunition Distribution System). SP5 Eduardo E. Sanchez. illus Translog 2 8-10+ Jul '71

DISREPS = Discrepancy In Shipment REPorting System (points and pointers). John C. Howard. illus Translog 2:19-22 Aug '71

The 50-mile train without an engine. Joseph J. Cosimano. illus Translog 2:2-3+ May '71

A fresh look at buses. Col Joe O. Bellino. illus Translog 2:5-6+ Jun '71

Lennon panel considers requirements for sealift, airlift. James D. Hessman. Armed Forces J 109:34-35 Oct '71

MSC/MTMTS merger held, DOD (Surface Transportation) Agency proposed. Armed Forces J 108:12-13 Apr 5 '71

MTMTS reports progress for FY 71. Translog 2:18-19 Oct '71

The man-powered military vehicle. F. P. U. Croker. Army Qtr 101:475-478 Jul '71

The Merchant Marine: Rationalize or nationalize! Col Lane C. Kendall, Ret. illus tabs US Nav Inst Proc 97:37-43 Dec '71

Military containerization--impact on worldwide supply. A. Jack Mayor. illus Def Trans J 27:46-49 May-Jun '71

Movement of airman personnel. TIG Brief 23:4 Jun 18 '71

National Bus Military Bureau helps transportation officers coordinate passenger moves. illus Translog 2:6-8 Nov '71

Planes, 'mule train' keep sites (in Korea) supplied. Sgt Bryan Raymond. AF Times 31:34 Jun 2 '71

Quality service for quality customers. Col Joe O. Bellino. illus Translog 2:6-7+ Feb '71

Safe transportation: Our goal for hazardous materials. RADM William F. Rea III. illus Def Trans J 27:28-31 Mar-Apr '71

Step by step. 1stLt Charles J. Rouse. illus Translog 2:19-21 Jun '71

Surface logistics faces a 100-knot future. Michel R. Scott. illus Translog 2:7-8 Apr '71

Transportation ecology. 1stLt Charles J. Rouse. illus Translog 2:19-22 Apr '71

20 answers to 20 questions about transportation security. Translog 2:6-8 Sep '71

United we serve. (Association of American Railroads and Military Traffic Management and Terminal Service) A. E. Highland. illus Translog 2:20-22 Nov '71

Costs

Imagination + expertise = dollars saved. BrigGen E. B. Owen. illus Translog 2:2-4 Aug '71

TRANSPORTATION, MILITARY - ContinuedStudy and Teaching

The accent is on physical distribution at U.S. Naval School, Transportation Management. Maj Frank D. Green, Jr. illus tab Translog 2:16-18 Apr '71

TRANSPORTATION, SEASee also

Merchant Marine
Military Sealift Command

Ammo moves to Europe via LASH (Lighter Aboard SHip)/barge. Maj Paul P. Leitz. illus Translog 2:4-5 Oct '71

Army run ocean transport? L. Edgar Prina. illus Navy 14:35-37 Apr '71

The defence of merchant shipping. L. W. Martin. illus NATO's Fifteen Nations 16:28-33 Oct-Nov '71

Fitting round pegs into square holds. illus Translog 2:15-17+ Aug '71

MSC/MTMTS merger held, DOD (Surface Transportation) Agency proposed. Armed Forces J 108: 12-13 Apr 5 '71

On course by computer. Jack L. Bailey. illus Def Trans J 27:56-59 Sep-Oct '71

The peaceful Pacific explosion. S. Charles Knight. illus tab Def Trans J 27:44-47 Mar-Apr '71

Safe transportation: Our goal for hazardous materials. RADM William F. Rea III. illus Def Trans J 27: 28-31 Mar-Apr '71

Ships at sea: Maritime facts of life. W. R. Nichols, Jr. illus tab US Nav Inst Proc 97:34-41 Apr '71

The sociological aspects of containerization. J. Ph. Backx. illus Def Trans J 27:42-45 May-Jun '71

Tug and barge transportation: International pace setter. John H. Lee. illus Def Trans J 27:54-58 Mar-Apr '71

Will the minnow swallow the whale? (Defense Dept plan to transfer ocean transportation management and procurement from MSC to Military Traffic Management and Terminal Service(MTMTS)) L. Edgar Prina. illus Sea Power 14:37-39 Oct '71

TRANSPORTATION CENTERS AND SCHOOLSNavy

The accent is on physical distribution at U.S. Naval School, Transportation Management. Maj Frank D. Green, Jr. illus tab Translog 2:16-18 Apr '71

TRANSPORTATION DEPTSee also

Coast Guard
Federal Aviation Administration

Decentralized management--making it work in the Department of Transportation. Alan L. Dean. Def Mgt J 7:27-31 Spring '71

The "tie together man." Interview. James M. Beggs. illus Govt Exec 3:13 Jun '71

Transportation safety. Interview. LtGen Benjamin O. Davis, Jr, Ret. illus Def Trans J 27:18-22 Nov-Dec '71

U.S. Government transport agencies. illus charts Def Trans J 27:23-45 Nov-Dec '71

TRANSPORTATION DEPT - Continued

The year ahead--challenge for 1971. John A. Volpe. illus Def Trans J 27:16-17 Jan-Feb '71

Organization

Managing the Department of Transportation. James M. Beggs. map charts illus Def Trans J 27:26-32 Sep-Oct '71

TRANSPORTATION UNITSSee also

Airlift Units

Air Force

FDR and the Guess Where II. Robert C. Mikesch. illus AF Mag 54:96-100 Feb '71

Army

"Steel drivin' men." illus Army Dig 26:30 Jan '71

TRAVEL

See also subdivision Description and Travel under specific countries and cities

House Committee supports overseas charters system. AF Times 32:5 Dec 15 '71

New CAB rules jeopardize military charter flights. James D. Hessman. Armed Forces J 109:12-13 Oct '71

They stand ready to serve you--air charter services. Ralph Ditano. illus Translog 2:17-19 Nov '71

TRAVEL, MILITARYSee also

Transportation, Military

Air rate war waged--Europe fare dips to \$60. AF Times 32:1+ Oct 13 '71

Bargain flights backed. AF Times 31:2 Feb 17 '71

CAB deals military 2 defeats. AF Times 31:2 Feb 3 '71

Charter fares stay low despite civil air hikes. AF Times 31:17 May 5 '71

Charters expand flights. AF Times 31:19 Mar 3 '71

Compliance with USAF Foreign Clearance Guide (FCG). TIG Brief 23:10 Apr 23 '71

Concurrent travel can prove costly. AF Times 31:22 Jul 21 '71

Cut-rate Atlantic flights in peril--Germany proposes curbs. AF Times 31:4 Jun 30 '71

DD1580 rule (authorization for cut rate travel) to tighten. AF Times 31:46 Apr 14 '71

DOD fights (CAB's) charter bar. AF Times 32:5 Nov 3 '71

Hearing ponders military charters. AF Times 32:48 Dec 8 '71

It's cheaper than you think--on leave in Europe. SP5 Tom Bailey. illus Soldiers 26:48-50+ Jun '71

Military leave travel for the holidays. Dudley H. Broyles. tab Translog 2:6-7+ Nov '71

Military standby and reservation air fares. TIG Brief 23:15 Apr 9 '71

TRAVEL, MILITARY - Continued

- More to get kin travel--PETS holds key. AF Times 31:3 Jun 16 '71
- PCS move funds could get shorter. AF Times 32:4 Nov 17 '71
- Reduced air fare rapped. AF Times 32:8 Nov 24 '71
- Reduced fares ease holiday travel. AF Times 32:23 Nov 24 '71
- Stateside R&R okayed for Vietnam. Bob Schweitz. AF Times 31:1+ Jul 14 '71
- Tax break--'in kind' travel exempt. AF Times 32:2 Dec 22 '71
- Tour rules for travel of kin clarified. AF Times 31:17 Jul 21 '71
- Transportation of relatives of deceased military personnel to attend group burials. TIG Brief 23:12 Jul 2 '71
- Travel costs deductible. Capt Rufus C. Young, Jr. MarCor Gaz 55:15-16 Aug '71
- Travel to South Vietnam, Thailand. TIG Brief 23:15 Mar 26 '71

Costs

- Defense rips IRS stand. Bob Schweitz. AF Times 31:1+ May 12 '71

Space Available

- Kin gained o' seas due 'space-A'--but some there on own can't. Jim Sample. AF Times 31:1+ May 26 '71
- Retirees wait & wait (for military space-available flights). AF Times 31:3 Apr 28 '71
- Space-A tightened for kin. AF Times 32:19 Aug 25 '71
- Space-A travel changes meet general acceptance. AF Times 32:9 Dec 29 '71
- Space-A travel rules to ease. Jim Sample. AF Times 32:1+ Aug 18 '71
- Space-available travel. TIG Brief 23:19 Aug 27 '71

TRAVEL PAY

- AFmen urged to stay put. AF Times 32:5 Dec 22 '71
- Congressional limitation PCS travel expenditures. TIG Brief 23:17 Mar 12 '71
- Hikes sought in mileage payments. Bob Schweitz. AF Times 32:1+ Aug 11 '71
- PCS move funds could get shorter. AF Times 32:4 Nov 17 '71
- Per diem rules for EM held unjust 'biologically.' AF Times 32:3 Sep 22 '71
- Transportation for next-of-kin to visit hospitalized members overseas. TIG Brief 23:18 Mar 12 '71
- Travel cash eyed for all. AF Times 31:4 Feb 24 '71
- Travel for dependents of members who are missing, dead, or injured. TIG Brief 23:18 Mar 12 '71
- Voucher frauds hit hard. George Foster. AF Times 32:1+ Dec 29 '71

TREATIES AND ALLIANCES

Here are entered articles on acts, agreements, and pacts between nations.

See also specific international agreements, e. g.,

Central Treaty Organization
North Atlantic Treaty Organization
Warsaw Pact

Alliances and the balance of power. Hans J. Morgenthau. Persp in Def Mgt, pp 11-19, Jan '71

The executive agreement in United States practice. Col Everett G. Hopson. illus AF JAG L Rev 12:252-263+ Fall '70

Exploration of the moon: Some aspects of legal regulation. E. G. Vasilevsky. Space World H-11-95:27-31 Nov '71

Franklin had a word for it. Reginald Hargreaves. Army Qtr 101:178-185 Jan '71

An important factor for peace (Soviet-Indian Treaty). Vasily Vefremov. Soviet Mil Rev No. 12:49-50 Dec '71

The Indo-Soviet Treaty and its implications. WgComdr Maharaj K. Chopra, Ret. illus Mil Rev 51:22-28 Dec '71

Thoughts on the German-Soviet pact. Wilhelm Meyer-Detring. (Trans and condensed from a German publication) illus Mil Rev 51:46-51 Apr '71

Two views of the Indo-Russian defense treaty. Easwar Sagar and Lawrence Griswold. illus map Sea Power 14:26-36 Nov '71

Who pays space damages? Nations negotiating treaty. AF Times 31:33 Mar 3 '71

TRIALS

See also
Courts-Martial

Bill would allow trials of veterans. AF Times 31:4 May 26 '71

Crime without punishment--ex-servicemen, civilian employees and dependents. illus AF JAG L Rev 13:184-201+ Summer '71

Ervin introduces bill to try former servicemen. Armed Forces J 108:14 May 17 '71

Fair trial? The trial observer's report. Maj Charles M. Stewart. illus AF JAG L Rev 12:276-283 Fall '70

The law and you. AF Times, What divorce proceedings entail. 31:30 Jan 6 '71; Several methods finalize divorce. 31:21 Jan 20 '71; Procedure outlined for adopting child. 31:35 Feb 3 '71; Gambling odds given. 31:17 Feb 24 '71; Prize winners' often lose. 31:9 Mar 10 '71; Mail order land not for unwary. 31:36 Mar 31 '71; Check carefully when shipping HH goods. 31:24 Jun 2 '71; How to file HH goods claim. 31:25 Jun 16 '71; Rights outlined in foreign trials. 31:22 Jul 7 '71; Alertness needed in use of credit. 32:59 Aug 18 '71; Car owner liabilities vary. 32:21 Sep 15 '71; (AF) Reg (211-18) lists detailed rules for marrying an alien. 32:17 Sep 29 '71; Home purchase wrapped up in red tape. 32:15 Nov 3 '71

The role of trial counsel in sentencing proceedings. Capt Thomas C. Morrison. illus AF JAG L Rev 13:30-43 Winter '71

TROOP MOVEMENTS see Movement Control

TROPHIES see Awards, Decorations, etc.

TROPICAL WARFARE see Jungle Warfare

TROPOSPHERIC SCATTER

Military communications--harbinger of the future. MajGen Gordon T. Gould, Jr. Signal 25:32-34 Jan '71

Radio set AN/GRC-143--the latest in military communications. Arnold M. Jensen and John R. Simkovich. illus Signal 25:9-16 May '71

TRUCKS AND TRUCKING

The British Army's future range of logistics vehicles. (Based on paper, British Armoured Vehicles Symposium, Woolrich, Eng, June 24, 1971) LtCol J. C. J. Rayment. illus Intl Def Rev 4:380-382 Aug '71

Laos truck kills approach 25,000 mark. George Weiss. illus Armed Forces J 108:15+ May 3 '71

Modern truckers play an important role in international transportation trends. illus Def Trans J 27:32-35 Mar-Apr '71

"New" helicopters, used trucks head ARNG equipment flow list. Natl Guardsman 25:22 Mar '71

Testing

Air Force testing electric truck, bus. illus Armed Forces J 108:37 Mar 1 '71

TRUST TERRITORIES

Civic action in Micronesia. LCDR William M. Bass, Jr. illus map Mil Engr 63:98-99 Mar-Apr '71

The cross of Micronesia. (Research paper, School of Naval Warfare, 1971) LtCol Vincente T. Blaz and Samuel S. H. Lee. illus map Nav War Col Rev 23:59-89 Jun '71

TUCKER, Gardiner L.

The role of systems analysis (in weapon system acquisition). Gardiner L. Tucker. illus Def Mgt J 7:12-15 Fall '71

TUNNELS

See also
Wind Tunnels

Tunnel drilling for the Carters Project (Murray County, Ga). Col Robert E. Snetzer. illus Mil Engr 63:346-349 Sep-Oct '71

Tunnel technology--wanted: Hard-rock "moles." illus Govt Exec 3:22-23 Jan '71

TUNNER, William H.

Another view of the Stalingrad and Dien Bien Phu airlifts. (Comment on article by D. J. Backlund, Aerosp Hist, Summer-Fall 1970) LtGen William H. Tunner, Ret. illus Aerosp Hist 18:135-137 Sep '71

TURBINES see Gas Turbines

TURBULENCE

Aircraft wake turbulence--an interesting phenomenon turned killer. Andrew S. Carten, Jr. illus tab AU Rev 22:12-24 Jul-Aug '71

Helicopter wake turbulence. Vernet V. Poupitch. illus Aerosp Safety 27:2-3 Dec '71

Pilot vs thunderstorms and turbulence. Maj Bobby S. Poteet. illus Combat Crew 22:16-18 Mar '71

Trailing vortices or wake turbulence. illus Approach 16:8-11 Feb '71

Twisting tornadoes of disaster trail heavy jets--do they really? Maj Edwin C. Ross. illus MAC Flyer 18:3-7 Sep '71

Vortex wake turbulence. Richard K. Bell and Arnold R. Lambert. (Adapted from Aerospace Safety, Aug 1970 and FAA Aviation News, March 1971) illus USA Avn Dig 17:58-63 Aug '71

Wake turbulence. Vernet V. Poupitch. illus tab Aerosp Safety 27:10-12 Feb '71; Combat Crew 22:4-7 Mar '71

TYPHOONS

Units at Clark (AB, Philippines) aid in disaster. AF Times 31:29 Jan 13 '71

UN see United Nations

USAFE see Air Forces in Europe

USAFI see Armed Forces Institute

USAREUR see Army, Europe

USARV see Army, Vietnam

USO see United Service Organizations

USSR see Russia

UNCONVENTIONAL WARFARE

See also specific types of unconventional warfare, e.g.,

Chemical-Biological Warfare

Counterinsurgency

Guerrilla Warfare

Nuclear Warfare

Psychological Warfare

Limited war. Seymour J. Deitchman. illus tabs Mil Rev 51:3-16 Jul '71

UNDERDEVELOPED AREAS

East-West--the twain have met. (Adapted from Dillingham Lecture, Center for Cultural and Technical Interchange Between East and West, Honolulu, Nov 11, 1970) Lee Kuan Yew. illus Mil Rev 51:76-83 Jul '71

International significance of the ninth five-year plan. Vasily Yefremov. illus Soviet Mil Rev No. 11:6-9 Nov '71

The national-liberation movement at the present stage. G. Mirsky. illus Soviet Mil Rev No. 10: 49-52 Oct '71

Space age nation building. Col Robert E. Button, Ret. map illus Signal 25:28-31 Feb '71

The U.S. Army and foreign national development. Col Irving Heymont, Ret. illus Mil Rev 51:17-23 Nov '71

World food and population problems. William N. Fraleigh. illus NATO's Fifteen Nations 15:46-49+ Dec '70-Jan '71

UNDERGROUND STRUCTURES

Blast effects on strategic structures. T. E. Kennedy. illus Mil Engr 63:315-318 Sep-Oct '71

Tunnel technology--wanted: Hard-rock "moles." illus Govt Exec 3:22-23 Jan '71

Underground project set (for North American Air Defense Command). AF Times 32:36 Dec 15 '71

While NORAD protects us, miners protect NORAD. AF Times 31:39 Jun 2 '71

UNDERSEA RESEARCH VEHICLES see Submersible Vehicles

UNDERWATER DEMOLITION

Operation Deep Channel. LTJG James M. Howard III. illus map US Nav Inst Proc 97:39-49 Aug '71

UNDERWATER PROPULSION see Propulsion Systems

UNDERWATER RESEARCH

See also
Project--Tektite

Advances in marine science and technology: Defense aspects. J. Tunstead. illus tabs Royal United Svcs Inst for Def Studies J 116:13-22 Sep '71

UNDERWATER RESEARCH - Continued

NOAA - infant government agency confronts the environmental crisis. (Interview with Robert M. White) Leon Schloss. illus Govt Exec 3:52 Jan '71

New world for which to war. LtCol Paul J. Hoffman. illus Mil Rev 51:67-76 Nov '71

Ocean surveying with a manned submersible. J. C. I. Busby. illus Mil Engr 63:1-4 Jan-Feb '71

Underwater ordnance. P. Eleson. Regular feature of issues of Ordnance

U.S. oceanic programs and policy. (Lecture, Naval War College, 1970) A. Denis Clift. illus Nav War Col Rev 23 24-30 Jan '71

West Germany's oceanology programing gathers momentum. tabs illus (Also cutaways) Intl Def Rev 3:423-426 Dec '70

Exhibitions

Underwater operations--French materiel on show (1970 French Naval Exhibition). illus (Also cutaway) Intl Def Rev 4:63-66 Feb '71

Physiological Aspects

Aquanaut sleep patterns during Tektite I: A 60-day habitation under hyperbaric nitrogen saturation. P. Naitoh and others. illus tabs Aerosp Med 42: 69-77 Jan '71

Biochemical studies during saturation diving: Two exposures at 19.2 ATA with excursions to 23.7 ATA. D. E. Uddin and others. illus tabs Aerosp Med 42:756-762 Jul '71

Blood volume changes in divers of Tektite I. Philip C. Johnson and others. illus tabs Aerosp Med 42:423-426 Apr '71

Changes in human urine and blood chemistry during a simulated oxygen-helium dive to 1,500 feet. P. B. Bennett and S. P. Gray. illus tab Aerosp Med 42:868-874 Aug '71

Changes in the elimination of ¹³³xenon from the anterior tibial muscle in man induced by immersion in water and by shifts in body position. U. I. Fall-din and others. illus tab Aerosp Med 42:489-493 May '71

Delineation of emergency surface decompression and treatment procedures for Project Tektite aquanauts. Peter O. Edel. illus tabs Aerosp Med 42: 616-621 Jun '71

Five hundred sixteen ft (16.6 ATA) five-day ocean saturation dive using a mobile habitat. Jon Pegg. illus tab Aerosp Med 42:1257-1262 Dec '71

Measurement of tremor in the Makai Range 520-foot saturation dive. Arthur J. Bachrach and others. illus Aerosp Med 42:856-860 Aug '71

Noise: A hazard to divers and hyperbaric chamber personnel. J. K. Summitt and S. D. Reimers. illus tabs Aerosp Med 42:1173-1177 Nov '71

Osmosis induced by nitrogen. B. A. Hills. illus tabs Aerosp Med 42:664-666 Jun '71

Performance efficiency of men breathing oxygen-helium at depths between 100 feet and 1500 feet. P. B. Bennett and E. J. Towse. illus tab Aerosp Med 42:1147-1156 Nov '71

Thoracic squeeze diving capability. Michael B. Strauss and Philip W. Wright. illus Aerosp Med 42:673-675 Jun '71

UNDERWATER RESEARCH - ContinuedPhysiological Aspects - Cont'd

Urticaria following the sequential breathing of various inert gases at a constant ambient pressure of 7 ATA: A possible manifestation of gas-induced osmosis. G. Douglas Blenkarn and others. illus tabs Aerosp Med 42:141-146 Feb '71

UNDERWATER STATIONS

Five hundred sixteen ft (16.6 ATA) five-day ocean saturation dive using a mobile habitat. Jon Pegg. illus tab Aerosp Med 42:1257-1262 Dec '71

UNIFICATION OF THE ARMED FORCESUnited States

Unification: Simple, but drastic. Bruce Callander. AF Times 31:13 Jun 9 '71

UNIFIED COMMANDS

See also specific unified commands, e. g., Pacific Command
Strike Command

The unified command structure. Col Duane H. Smith. charts tab Parameters 1:14-21 Fall '71

Unified commands shaken up--Strike Command replaced (by U.S. Readiness Command). AF Times 31:4 Jul 21 '71

Why not a unified strategic command? John L. Frisbee. illus AF Mag 54:36-40 Mar '71

UNIFORM CODE OF MILITARY JUSTICESee also

Military Justice Act of 1968

Equal treatment in court asked. AF Times 31:5 Jun 16 '71

"I'm tremendously impressed"--a civilian lawyer looks at military justice. (Interview with Melvin Belli) SP5 Tom Bailey. illus Soldiers 26:38-43 Jul '71

Search ruled legal (by Air Force's Court of Military Review) in pusher's conviction. AF Times 32:35 Nov 10 '71

The soldier and law of war. Capt Robert E. Jenkins, Jr and 1stLt Martin C. McWilliams, Jr. illus Infantry 61:22-25 Nov-Dec '71

UNIFORMED SERVICES CONTINGENCY OPTION ACT OF 1953 see Retired Serviceman's Family Protection PlanUNIFORMSAir Force--U.S.

The Air Force uniform--a never-ending pursuit of excellence. LtCol Edmond R. Bellemare. illus Review 51:22-24+ Jul-Aug '71

(BrigGen Jeanne) Holm prods base stores to stock WAF uniforms. AF Times 32:22 Nov 10 '71

Miniature grade insignia approved: Testing slated. AF Times 32:8 Dec 15 '71

Plastic collar rank okayed for airmen. AF Times 31:2 Feb 24 '71

Uniform additions discourages--revised manual (AFM 35-10) gives criteria. AF Times 32:10 Oct 6 '71

UNIFORMS - ContinuedAir Force--U.S. - Cont'd

Uniform-civvies code varies. AF Times 32:10 Oct 13 '71

Uniform prices steady. Tony McHale. AF Times 31:1+ Feb 24 '71

WAF uniform changes outlined--old styles phasing out. illus AF Times 32:38 Oct 6 '71

Costs

Clothing prices change slightly. tabs AF Times 31:3 Jun 16 '71

Uniform prices steady. Tony McHale. AF Times 31:1+ Feb 24 '71

History

Birth of the blues. Sgt Dave Cole. illus Airman 15:42-47 Oct '71

Marine Corps--U.S.

New WM uniform. MarCor Gaz 55:2 Aug '71

Sam Browne belt is a symptom. Maj E. E. Dixon. MarCor Gaz 55:49-50 Dec '71

The Sukhomlinov effect. Capt Charles J. Quilter II. MarCor Gaz 55:49-50 Aug '71

Navy--U.S.

Bell bottom trousers, jumper of blue... adieu. John G. Norris. illus por Navy 14:14-17 Jul-Aug '71

Bell bottoms, jumpers, white hats to go. illus Armed Forces J 108:21-22 Jul 5 '71

UNIT TRAINS see RailroadsUNITED AIR LINES, INC

Segmented maintenance. Paul F. Davis. Log Spectrum 4:25-26 Winter '70

UNITED ARAB REPUBLICForeign RelationsRussia

Watch on the Suez. William Beecher. illus tab Army pt 1, Egypt's noisy silent partner. 21:10-13 Nov '71; pt 2, Israel weighs the options. 21:28-32 Dec '71

UNITED NATIONS

The China vote. LtGen Ira C. Eaker, Ret. AF Times 32:13 Nov 24 '71

The prospects for peace in the Middle East. (Andover Prize Essay, 1971) LtCol P. M. El Fata. illus Hawk No. 32:31-38 Feb '71

To prevent a world wasteland. George F. Kennan. (Condensed from Foreign Affairs, April 1970) illus Mil Rev 51:23-34 Jan '71

UNITED NATIONS COMMAND, KOREA

Two-star diplomat (MajGen Felix M. Rogers). (Senior member on the (U.N.) Military Armistice Commission, Korea) Capt Robert P. Everett. illus Airman 15:17 Aug '71

UNITED NATIONS MILITARY OBSERVER GROUPS

Effective UN military peace observer groups. LtCol Roger C. Hagerty. illus MarCor Gaz 55:34-36 Jan '71

UNITED SERVICE ORGANIZATIONS

New York USO offers city's finest. George Foster. illus AF Times 31:24 May 26 '71

UNITED STATES

In official corporate entries United States is usually omitted, e.g., Air Force Academy; however, it is included in names of nonofficial bodies, e.g., United States Armor Association.

Defenses

See Defenses--United States

Economic Conditions

Defense and the economy. (Excerpts from Defense Posture Statement) Melvin R. Laird. tabs Def Ind Bul 7:23-25 Spring '71

Dollars for Defense. Don R. Brazier. illus tabs Armed Forces Compt 16:12-16 Spring '71

Economy--finding facts and figures. Govt Exec 3:15 Feb '71

State of the Nation. Leo Cherne. Persp in Def Mgt, pp 1-9, Jan '71

Economic Policy

See also

Balance of Payments

America's manpower problems. Eli Ginzberg. Persp in Def Mgt, pp 11-18, May '71

Balance of payments and U.S. trade policy. Howard S. Piquet. Persp in Def Mgt, pp 41-51, May '71

Facing changed (economic) circumstances. Bruce W. Rohrbacher. illus Govt Exec 3:22-24 Dec '71

Whatever happened to enterprise? Douglas Grymes. illus Govt Exec 3:16-17 Apr '71

Will we snatch defeat from the jaws of victory? (Lecture, Naval War College, 1971) Walt W. Rostow. illus Nav War Col Rev 24:3-18 Sep '71

Foreign Economic Relations

Facing changed (economic) circumstances. Bruce W. Rohrbacher. illus Govt Exec 3:22-24 Dec '71

Profits--and the big game hunt. (Interview with Jack S. Parker) illus Govt Exec 3:24-27 Nov '71

U.S. foreign economic policy in the 1970's: A challenge to statesmanship. Edward R. Fried. Persp in Def Mgt, pp 33-40, May '71

Japan

Japan: Her role in world affairs. (Lecture, Naval War College, 1971?) H. E. Nobuhiko Ushiba. illus Nav War Col Rev 23:14-21 Apr '71

Foreign Policy

America's crisis of confidence. Stanley L. Harrison. NATO's Fifteen Nations 16:66-68 Feb-Mar '71

Beyond Vietnam. (Address, American Newspaper Publishers Assoc Luncheon, New York, April 21, 1971) Melvin R. Laird. AF Pley Ltr for Comdrs: Sup No. 6:12-17 Jun '71

Britain and the Skybolt affair. James A. Dewar. illus Aerosp Hist 18:129-134 Sep '71

(The challenge to military professionalism) (Banquet address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Spiro T. Agnew. illus Armor 80: 40-43 Jul-Aug '71

UNITED STATES - ContinuedForeign Policy - Cont'd

Commercial aviation and the colonization of the Equatorial islands, 1934-1936. Francis X. Holbrook. illus Aerosp Hist 17:144-149 Dec '70

Concepts for defense planning. (Excerpts from Defense Posture Statement) Melvin R. Laird. Def Ind Bul 7:5-8 Spring '71

Congress and President: NATO troop-reduction conflict. Stanley L. Harrison. illus Mil Rev 51:13-24 Sep '71

Decision-making: Science or craft? Nicholas J. D'Ombrain. Royal United Svcs Inst for Def Studies J 116:56-58 Sep '71

Do we deserve our dearly bought freedom. Editorial. Officer 47:8+ Aug '71

Dollars or defense? Interview. F. Edward Hébert. illus Natl Guardsman 25:2-7 Jun '71

Earthquake! Natural disasters and U.S. foreign policy. LCDR Stanley R. Cornwell. illus Nav War Col Rev 23:63-70 Feb '71

Entering a desperate era of seapower. Brooke Nihart. Armed Forces J 108:22-23 Mar 15 '71

Food and people. Don Pearlberg. Persp in Def Mgt, pp 33-40, Autumn '71

Limited war. Seymour J. Deitchman. illus tabs Mil Rev 51:3-16 Jul '71

Long-range planning for peace. (Address, Dayton Council on World Affairs, Dayton, Ohio, Jan 29, 1971) G. Warren Nutter. AF Pley Ltr for Comdrs: Sup No. 3:8-13 Mar '71

Major U.S. interests and objectives in Europe, including the USSR. Zbigniew Brzezinski. Forum No. 12:1-15 Spring '71

Moorer: Viable options, purple suit questions and the pendulum theory. Interview. ADM Thomas H. Moorer. illus Armed Forces J 108:18-22 Jan 4 '71

National suicide? Ernest Cuneo. illus Ordnance 55: 536-538 May-Jun '71

A "new" China policy? Eldridge B. Duffee, Jr. illus US Nav Inst Proc 97:18-23 Jul '71

New military aid/sales plan faces Hill opposition. James D. Hessman. Armed Forces J 108:26-27 May 17 '71

Nixon doctrine and the blue water strategy. Editorial. Navy pt 1, 14:8 Jan '71; pt 2, 14:6 Feb '71

The Nixon doctrine and the Navy. CDR James A. Barber, Jr. illus Nav War Col Rev 23:5-15 Jun '71

Nixon doctrine budget faces major hurdle in Congress. James D. Hessman. tab Armed Forces J 108:24-25+ Feb 15 '71

The only option? (Blue water) (Prize Essay, 1971, 2d Honorable Mention) George E. Lowe. illus US Nav Inst Proc 97:18-26 Apr '71

Politico-economic world developments as they affect NATO nations in the 1970's. (Address, Allied Command Atlantic Naval Symposium, SACLANT Hq, Norfolk, Va, Nov 4, 1970) Walt W. Rostow. illus Nav War Col Rev 23:4-13 Apr '71

President proposed 'major transformation' of military aid programs. Armed Forces J 108:14 May 3 '71

UNITED STATES - ContinuedForeign Policy - Cont'd

- 'Realistic deterrence.' Editorial. John L. Frisbee. illus AF Mag 54:4+ Apr '71
- Realistic deterrence and new strategy. Col Kenneth L. Moll. illus AU Rev 23:2-12 Nov-Dec '71
- Ryan: Three approaches to the essential qualitative edge. Gen John D. Ryan. illus Armed Forces J 108:31-33+ Jan 4 '71
- (Security Assistance Program): A new approach to an old problem. Interview. LtGen George M. Seignious II. Armed Forces J 109:44-47 Nov '71
- Senate panel hits overseas commitments. Armed Forces J 108:10-12 Jan 4 '71
- A strategy of sufficiency. Thomas R. Pickering. illus Ordnance 56:38-42 Jul-Aug '71
- Systems analysis: A missing element in foreign policy planning. (Research paper, School of Naval Warfare) Richard F. Norford. Nav War Col Rev 23: 81-100 Jan '71
- U.S. foreign economic policy in the 1970's: A challenge to statesmanship. Edward R. Fried. Persp in Def Mgt, pp 33-40, May '71
- U.S. goals, priorities, and means. (Remarks, Air War College, Maxwell AFB, Ala, Aug 25, 1970) BrigGen Robert N. Ginsburgh. AF Plcy Ltr for Comdrs: Sup No. 3:14-22 Mar '71
- Vacillation and stability in American public opinion toward military and foreign policy. James Clotfelter. illus Nav War Col Rev 23:55-61 Feb '71
- Vital interests and volunteer forces. LT Leon Preston Brooks. illus US Nav Inst Proc 97:18-23 Jan '71
- Will we snatch defeat from the jaws of victory? (Lecture, Naval War College, 1971) Walt W. Rostow. illus Nav War Col Rev 24:3-18 Sep '71

History

- Pearl Harbor. Col G. Korotkov. illus Soviet Mil Rev No. 11:42-45 Nov '71
- The strategic world of 1946. Herman S. Wolk. illus AF Mag 54:72-73+ Feb '71

Foreign Relations

- Alliances and the balance of power. Hans J. Morgenthau. Persp in Def Mgt, pp 11-19, Jan '71
- America's critics: A case of short memory. Reuben Slonim. illus Aerosp Intl 7:50-51 Dec '71; AF Mag 54:50-51 Dec '71
- Earthquake! Natural disasters and U.S. foreign policy. LCDR Stanley R. Cornwell. illus Nav War Col Rev 23:63-70 Feb '71
- Eisenhower at the Naval War College (Oct 3, 1961). (Address, with questions) illus US Nav Inst Proc 97:18-24 Jun '71
- Threats to U.S. and Free World security. (Excerpts from Defense Posture Statement) Melvin R. Laird. illus Def Ind Bul 7:8-11 Spring '71

Asia, Southeastern

- Southeast Asia: Issues and prospects. Robert A. Scalapino. Persp in Def Mgt, pp 21-31, Autumn '71

UNITED STATES - ContinuedForeign Relations - Cont'dAustralia--History

- The eagle and the 'roo: American fleets in Australian waters. John Hammond Moore. illus US Nav Inst Proc 97:43-51 Nov '71

Burma

- Burma poppies first Ranch Hand target? Armed Forces J 109:21-22 Nov '71

Cambodia

- Understanding the war in Cambodia. Vincent R. Tocci. illus map Armed Forces J 108:37-39 Jan 18 '71

Canada

- Canada and the United States. James Eayrs. Persp in Def Mgt, pp 31-41, Jan '71

Caribbean Region

- The United States and the Caribbean. Raymond J. Barrett. illus map AU Rev 22:44-51 May-Jun '71

China (People's Republic)

- A "new" China policy? Eldridge B. Duffee, Jr. illus US Nav Inst Proc 97:18-23 Jul '71
- Side effects seen in China policy. LtGen Ira C. Eaker, Ret. AF Times 32:13 Aug 11 '71

Europe

- Major U.S. interests and objectives in Europe, including the USSR. Zbigniew Brzezinski. Forum No. 12:1-15 Spring '71

Europe, Western

- Can Europe stand alone? Capt Sten Ohlander. illus Hawk No. 31:33-39 Feb '70
- If the Americans leave. Juergen Schilling. (Trans and condensed from a German publication) illus Mil Rev 51:84-90 Jun '71
- NATO force cuts seen despite Mansfield defeat. Armed Forces J 108:14 Jun 7 '71
- Problems of European security. C. E. Morris. Army Qtr 101:396-401 Jul '71
- The rearming of Germany 1950-1954: A linchpin in the political evolution of Europe. LCDR Benjamin M. Simpson III. illus Nav War Col Rev 23:76-90 May '71

Germany (Federal Republic)

- Non-criminal matters under the Status Of Forces Agreement (SOFA) with the Federal Republic of Germany. Richard S. Schubert. illus AF JAG L Rev 12:298-306 Fall '70

Great Britain

- Britain and the Skybolt affair. James A. Dewar. illus Aerosp Hist 18:129-134 Sep '71

Hawaii--History

- They landed to lower the flag. Bernard C. Nalty and Truman R. Strobridge. illus US Nav Inst Proc 97:62-64 Nov '71

Iceland

- Iceland's closure of U.S. base will cripple U.S. - NATO defense. Col Robert D. Heintz, Jr. Armed Forces J 108:20 Aug '71

UNITED STATES - ContinuedForeign Relations - Cont'dIsrael

War and peace: The prospects for the Middle East. (Interview with Yitzhak Rabin) Laslo Boyd. illus Govt Exec 3:34-36 Dec '71

Japan

Japan: Her role in world affairs. (Lecture, Naval War College, 1971?) H. E. Nobuhiko Ushiba. illus Nav War Col Rev 23:14-21 Apr '71

Okinawa prepares for its return. Paul A. Neuland. illus Army Dig 26:56-60 Mar '71

Okinawa reversion. MajGen Wesley C. Franklin and Col C. Stuart Townshend. illus map Signal 25:98-100+ Jun '71

30,000 GIs remain in Japan--lowest level since war. Tom Wuriu. AF Times 32:51 Sep 22 '71

Latin America

The doorstep challenge. James D. Theberge. illus Navy 14:17-23 Mar '71

The growing Soviet naval presence in the Caribbean: Its politico-military impact upon the United States. (Research paper, School of Naval Command and Staff, 1971) LCDR Jack L. Roberts. illus maps Nav War Col Rev 23:31-42 Jun '71

Latin America--Congress diverts sales. illus Govt Exec 3:13 Nov '71

Mexico

Amigos--Americans all. Philip R. Smith, Jr. illus Soldiers 26:22-26 Sep '71

Mexico--History

Last of the first (LtCol Carleton G. Chapman, Ret). illus Airman 15:9-11 Jun '71

Middle East

Changing Soviet oil interests: Implications for the Middle East. (Research paper, College of Naval Command and Staff, 1971) Maj C. Powell Hutton. illus Nav War Col Rev 24:76-93 Oct '71

Understanding and agreement in the Middle East. C. L. Wayper. Royal Air Forces Qtr 10:283-286 Winter '70

The United States and the Arab world: Recipe for frustration. John S. Badeau. Persp in Def Mgt, pp 1-10, Autumn '71

The United States, the Soviet Union, and strategic considerations in the Middle East. (Lecture, Naval War College, 1971?) Edward R. F. Sheehan. illus Nav War Col Rev 23:22-30 Jun '71

Pakistan

Who armed Pakistan? Whose weapons killed East Pakistanis? Brooke Nihart. Armed Forces J 109:50-52 Nov '71

Russia

Asylum denied: The Vigilant incident. (Research paper, School of Naval Warfare, 1971) Col Clyde R. Mann. illus Nav War Col Rev 23:4-31 May '71

Major U.S. interests and objectives in Europe, including the USSR. Zbigniew Brzezinski. Forum No. 12:1-15 Spring '71

UNITED STATES - ContinuedForeign Relations - Cont'dRussia - Cont'd

Mutual balanced force reductions. Walter C. Clemens, Jr. illus Mil Rev 51:3-11 Oct '71

(Pacifist scientists attack John S. Foster, Jr for his suggestions on Russia's overtaking the United States in science and technology) LtGen Ira C. Eaker, Ret. AF Times 31:13 Jun 23 '71

Spain

DOD, foreign relations panel disagree on Spain. Armed Forces J 108:9 Feb 1 '71

Spain and NATO. Eugene Hinterhoff. illus Mil Rev 51:39-44 Mar '71

Thailand

The changing Thai-United States alliance: Implications for the Nixon doctrine in Asia. ENS John D. Caswell. illus Nav War Col Rev 24:59-75 Oct '71

History

The Army in Western exploration. Col Forrest R. Blackburn. illus map Mil Rev 51:75-90 Sep '71

Artillery helped win the West. Col Robert M. Stegmaier, Ret. illus Fld Artilleryman, pp 59-63, Aug '71

The Custer court-martial. Col John O. Shoemaker. illus map Mil Rev 51:36-47 Oct '71

Custer: The Little Big decisions. BrigGen S. L. A. Marshall, Ret. illus map Army 21:34-41 Jun '71

His weapons were justice, fair dealing. LtCol Martin Blumenson and James L. Stokesbury. illus Army 21:45-48 Mar '71

Our American heritage: Our lives, our fortunes and our sacred honor. MajGen M. M. Wallace, Ret. Officer 47:13+ Jan '71

Tragedy in Box 8. Richard Dey. illus Army Dig 26:48-53 Apr '71

Washington and the sea. RADM John D. Hayes, Ret. illus map Mil Rev 51:60-66 Jul '71

Politics and Government

The federal budget--what it really means. Betty Oswald. Govt Exec 3:44+ Mar '71

A nation divided. LtGen Ira C. Eaker, Ret. AF Times 31:13 Jul 28 '71

The national picture. Jack W. Carlson. illus Armed Forces Compt 16:9-11 Spring '71

New insights into governmental decisionmaking. LtCol Ernest A. Vuley, Jr. Persp in Def Mgt, pp 53-57, May '71

Parties and elections in America. Richard M. Scammon. Persp in Def Mgt, pp 1-10, May '71

Political beliefs and public opinion. (Address, Naval War College, 1971?) Lloyd A. Free. illus tabs Nav War Col Rev 23:4-16 Mar '71

History

George Washington's National Security Council. Stanley L. Falk. illus Mil Rev 51:23-27 Jul '71

UNITED STATES - ContinuedSocial Conditions

- America's crisis of confidence. Stanley L. Harrison. NATO's Fifteen Nations 16:66-68 Feb-Mar '71
- Dissent: Do we need it? Carroll Quigley. Persp in Def Mgt, pp 21-30, Jan '71
- Mutual misperception: The academic and the soldier in contemporary America. Col Donald F. Bletz. illus Parameters 1:2-13 Fall '71
- National problems rated by (29,000) EM, (12,000) officers. George Foster. tabs AF Times 32:1+ Oct 27 '71
- The philosophy of the counterculture. ENS William F. Averyt. illus Nav War Col Rev 23:17-25 Mar '71
- State of the Nation. Leo Cherne. Persp in Def Mgt, pp 1-9, Jan '71

UNITED STATES ARMOR ASSOCIATION

- (Proceedings, 82d Annual Meeting, U.S. Armor Assoc, Fort Knox, Ky, May 13-15, 1971) illus Armor 80:25-49 Jul-Aug '71

UNITED STATES ARMY, EUROPE see Army, EuropeUNIVERSITIES AND COLLEGESLatin America

- The prospects for student activism in Latin America. (Research paper, School of Naval Warfare, 1971?) G. Scott Sugden. illus Nav War Col Rev 23:54-60 Apr '71

United States

- AFROTC: A tale of two campuses--contrast in Columbus (Ohio). AF Times 31:34 Mar 10 '71
- AFROTC benefits clarified. AF Times 32:10 Oct 27 '71
- AFROTC rolls dip for 3d year. AF Times 32:2 Nov 17 '71
- Army approves 12 new ROTC units. Armed Forces J 108:13-14 Feb 1 '71
- Army ROTC--alive and doing fine. Lt Harry Kingdom. illus Soldiers 26:63-66 Jul '71
- The art of winning friends on campus, though unformed. Robert L. Goldrich. illus Army 21:24-27 Jan '71
- The assault on ROTC: Are we trying to stop the war machine by getting rid of the brakes? Ward Elliot. illus Army 21:35-38 Feb '71
- CONARC reports that 42 colleges have made applications for new units. Officer 47:7 Jan '71
- The challenge (AFROTC). Capt James Johnson. illus Airman 15:25-29 Aug '71
- Civilian control of military. Maj Francis Gould. MarCor Gaz 55:13-14 Dec '71
- DOD urges more cash for ROTC. AF Times 31:4 Jun 30 '71
- Dialogue reestablished. (Army War College's Vietnam Panel talks to students) Col John J. McCuen illus Army 21:14-20 Nov '71
- Fear continues at Kent State--the military on campus. George Foster. AF Times 31:10 Mar 17 '71
- 545 win bars through AFROTC. AF Times 32:8 Dec 29 '71

UNIVERSITIES AND COLLEGES - ContinuedUnited States - Cont'd

- The Guard at Kent University. MajGen Jim Dan Hill, Ret. illus Natl Guardsman 25:8-12 Feb '71
- His link to the future (Norwich University, Northfield, Vt). Lt Harry J. Kingdom. illus Soldiers 26:56-59 Aug '71
- "Hot war" is waged over ROTC at U of Wisconsin: ROA committee chairman reports on steps taken. Officer 47:31 Jun '71
- Mutual misperceptions: The academic and the soldier in contemporary America. Col Donald F. Bletz. illus Parameters 1:2-13 Fall '71
- NROTC at UCLA: The colors still fly. Mid Lawrence M. Kryske. illus US Nav Inst Proc 97:18-25 Dec '71
- No AFROTC considered for two-year campuses. AF Times 31:22 Jul 28 '71
- Of arms and the man. (Address, President's Review, University of Cincinnati, May 27, 1971) illus AF Mag 54:54-55 Aug '71
- Officers needed for ROTC duty. AF Times 32:2 Dec 15 '71
- Ohio State alumni leaders favor ROTC; oppose anti-Vietnam role by university. Officer 47:9 Jan '71
- Ohio State--ROTC case history of success. John R. Bonner, Jr. illus Navy 14:30-34 Jul-Aug '71
- Pay doubled for ROTC, scholarships increased. AF Times 32:1+ Dec 1 '71
- Princeton seeking to keep ROTC. AF Times 31:5 Jul 7 '71
- The professional (development) degree program (for engineers offered at University of Wisconsin). Eugene E. Peer. illus AF Civil Engr 12:2-5 Nov '71
- ROTC: An academic focus. Maj George A. Joulwan. illus Mil Rev 51:43-47 Jan '71
- ROTC damage control report. R.E. Stivers. illus Navy 14:24-29 Jul-Aug '71
- ROTC enrollment decline nears leveling-off point. AF Times 32:50 Dec 15 '71
- ROTC grants and 'lib.' George Foster. AF Times 31:13 Mar 17 '71
- ROTC may return to Princeton. AF Times 32:39 Nov 10 '71
- ROTC proposals backed by DOD. AF Times 31:16 Mar 17 '71
- ROTC seen mending despite cadet loss. AF Times 31:3 Jan 6 '71
- Reveille on campus (at North Georgia College, Dahlonega, Ga). Larry Mitchell. illus Soldiers 26:20-22 Jun '71
- School (University of Albuquerque) to start Bootstrap plan. AF Times 31:40 Mar 31 '71
- Second thoughts on axing ROTC (at Princeton). AF Times 31:13 Jul 14 '71
- Seeing the other side--military and civilian students at PMC (Pennsylvania Military College). Lt Harry Kingdom. illus Soldiers 26:58-60 Oct '71
- These troubled times. Regular feature in some issues of National Guardsman

UNIVERSITIES AND COLLEGES - ContinuedUnited States - Cont'd

13 new ROTC units are approved by Air Force.
Officer 47:28 Feb '71

25 colleges still bar gals in ROTC. AF Times 31:20
Jun 23 '71

VSEP (Los Angeles' Veterans Special Education Program) aids veterans. AF Times 32:40 Sep 22 '71

Women in Air Force ROTC. TIG Brief 23:19-20
Dec 3 '71

URBAN MASS TRANSPORTATION ACT OF 1970

Urban mass transit: A multi-billion dollar investment.
Interview. Carlos Villarreal. Govt Exec 3:31-33
Jun '71

The Urban Mass Transportation Assistance Act of
1970--potentials and limitations. William H.
Liskamm. illus Def Trans J 27:18-22 Jan-Feb '71

URBANIZATION see Cities and Towns

VTOL see Airplanes, V/STOL

VACCINES see Immunization and Immunity

VAGUE, Harold R.

BrigGen Harold R. Vague, the Assistant Judge Advocate General, USAF. por biog AF JAG L Rev 13:165-166 Summer '71

VALUE ANALYSIS

Potentials for management improvement. (Adapted from address, Federal Management Improvement Conference, Washington, Sep 21, 1970) Elmer B. Staats. illus Def Mgt J 6:6-10 Feb '71

Quality or quantity? F. P. U. Coker. illus Royal United Svc Instn J 116:49-52 Mar '71

VALUE ENGINEERING

Value engineering--a method to reduce costs without degrading design. Robert H. Marcy. illus AF Civil Engr 12:23 Feb '71

VANDE HEY, James M.

Brofftt named to head Pacific Exchange System--Vande Hey to retire (and other reassignments and retirements announced). AF Times 31:3 Mar 17 '71

VENUS (PLANET)

See also
Space Flight to Venus

Applied exobiology. John M. Prytz. Space World H-11-95:34-35 Nov '71

Venus: What we know about this planet. Mikhail Marov. Space World H-6-90:33-34 Jun '71

VERTICAL TAKEOFF AND LANDING see Airplanes, V/STOL

VERTIGO

Pilot reports of disorientation across 14 years of flight. Brant Clark. tab Aerosp Med 42:708-712 Jul '71

Pilot's vertigo. LtCol Russell B. Rayman. illus Aerosp Safety 27:6-8 Dec '71

Vertiginous flyer: A review of 6 years' experience of the aeromedical consultation service. Frederic M. Brown. tabs Aerosp Med 42:891-893 Aug '71

Vertigo and visual override. LCDR J. A. White. illus Approach 16:16-17 Feb '71

Vertigo due to increased middle ear pressure: Six-year experience of the aeromedical consultation service. Frederic M. Brown. tab Aerosp Med 42:999-1001 Sep '71

What is flicker vertigo? David T. Forbes, Jr. USA Avn Dig 17:52-55 Dec '71

VETERANS

The Army evicts the bonus marchers (in 1932). LtCol John W. Price. illus map Mil Rev 51:56-65 May '71

Black vet has tough row to hoe. Larry Phillips. AF Times 32:42 Nov 10 '71

Broader VA care opposed. AF Times 32:8 Aug 18 '71

Business vows to reserve 100,000 jobs for veterans. Larry Carney. AF Times 31:3 Jul 7 '71

Don't forget, hire the vet. illus Air Reservist 23:12-13 Jul '71

VETERANS - Continued

Employers sneer at Vietnam vets. AF Times 31:10 Jul 28 '71

The employment scene--a hard look. MSgt Jack Holden. tab Soldiers 26:43-45 Sep '71

A hard look at Project Transition--could be smoother. LtCol David W. Blackledge. illus Army 21:42-46 Apr '71

Job bill gives edge to veterans. AF Times 31:19 May 26 '71

Job help expands for vets. AF Times 31:2 Jun 30 '71

Pollution control jobs await vets. AF Times 32:51 Dec 15 '71

President orders intensified drive on jobs for veterans. Officer 47:12 Oct '71

Prospective employers prefer 'clean-cut' vets. AF Times 31:20 Aug 4 '71

Service retirees face employment problems as job market fades. Officer 47:24 Jan '71

Sharing the harvest (of Air Force training). Capt Gary A. Guimond. illus Airman 15:12-16 Nov '71

Veterans welcome in foreign service. AF Times 32:17 Sep 8 '71

Vets facing job squeeze. AF Times 31:5 Apr 21 '71

Vets fill ranks of sky marshals. AF Times 31:22 Jan 27 '71

Vets' job drive shows progress. AF Times 31:35 Feb 17 '71

War I vet (James F. Oates, Jr) heads job drive. Larry Carney. AF Times 31:22 Jan 20 '71

War veterans bivouac at DC Capitol in protest. Joe Looney. AF Times 31:2 May 5 '71

Wider drug aid pushed for vets. Larry Carney. AF Times 31:22 Jun 9 '71

Your future as a veteran. illus tabs AF Times pt 1, Yes, vets, some do care. Larry Carney. 32:5-6 Oct 13 '71; pt 2, On-duty Transition does help. Bob Schweitz. 32:5-6 Oct 20 '71; pt 3, VA benefits aren't automatic. Bill Drach and Louis Dorsch. 32:42-43 Oct 27 '71; pt 4, GI Bill 'student body' growing. Larry Carney. 32:42-43 Nov 3 '71; pt 5, Vet unemployment dips. Larry Carney. 32:41-42 Nov 10 '71; pt 6, Disability pay confusing. Mel Jones. 32:46-47 Nov 17 '71; pt 7, VA caters to 'new vet.' George Marker. 32:43-44 Nov 24 '71; pt 8, GI home buying gets new life. George Marker. 32:45-46 Dec 1 '71; pt 9, SGLI conversion tips. Bill Kreh. 32:50-51 Dec 8 '71; pt 10, The beneficiary snag. Ruth Chandler. 32:37 Dec 15 '71; pt 11, How 'bout the Reserves. Ed Gates. 32:30-31 Dec 22 '71; pt 12, Dear Congressman. Robert S. Horowitz. 32:29 Dec 29 '71

VETERANS, DISABLED

Auto grants broadened for disabled. AF Times 31:6 Feb 10 '71

Disabled apply for VA insurance at record rate. AF Times 31:A3 Jun 23 '71

Disabled situation scanned. AF Times 31:8 Jun 16 '71

Handicapped vets face two obstacles (a college education and finding employment). AF Times 31:17 Jan 6 '71

VETERANS ADMINISTRATION

Added insurance authority asked by VA. AF Times 32:6 Oct 27 '71

Auto grants broadened for disabled. AF Times 31:6 Feb 10 '71

Broader VA care opposed. AF Times 32:8 Aug 18 '71

Disabled apply for VA insurance at record rate. AF Times 31:A3 Jun 23 '71

Funding increased for engineers, VA, Coast Guard, and Mar(itime) Ad(ministration). Armed Forces J 108:36-37+ Feb 15 '71

Home loans through VA reach peak. AF Times 32:6 Oct 20 '71

House legislation OKs VA kin medical care. AF Times 32:15 Oct 6 '71

Medical aides train at 18 VA hospitals. AF Times 32:4 Oct 13 '71

Missing pilot's children receive VA school aid. AF Times 31:20 Mar 3 '71

Mobile home site open under VA (at Fort Lauderdale, Fla). AF Times 32:44 Sep 15 '71

VA advises veterans to obtain release of liability. MarCor Gaz 55:10 Nov '71

VA announces benefits for dependents under new POW legislation. Officer 47:12 May '71

VA notes increasing GI Bill enrollment. AF Times 31:35 Jan 13 '71

VA okays home loans on trailers. AF Times 31:9 Feb 10 '71

VA request extension of insurance to cadets. AF Times 31:A4 Jun 23 '71

VA's Phil Budd: "Largest, most important area VA will be pursuing..." Govt Exec 3:30 Jun '71

Your future as a veteran. illus tabs AF Times pt 1. Yes, vets, some do care. Larry Carney. 32:5-6 Oct 13 '71; pt 2. On-duty Transition does help. Bob Schweitz. 32:5-6 Oct 20 '71; pt 3. VA benefits aren't automatic. Bill Drach and Louis Dorsch. 32:42-43 Oct 27 '71; pt 4. GI Bill 'student body' growing. Larry Carney. 32:42-43 Nov 3 '71; pt 5. Vet unemployment dips. Larry Carney. 32:41-42 Nov 10 '71; pt 6. Disability pay confusing. Mel Jones. 32:46-47 Nov 17 '71; pt 7. VA caters to 'new vet.' George Marker. 32:43-44 Nov 24 '71; pt 8. GI home buying gets new life. George Marker. 32:45-46 Dec 1 '71; pt 9. SGLI conversion tips. Bill Kreh. 32:50-51 Dec 8 '71; pt 10. The beneficiary snag. Ruth Chandler. 32:37 Dec 15 '71; pt 11. How 'bout the Reserves. Ed Gates. 32:30-31 Dec 22 '71; pt 12. Dear Congressman. Robert S. Horowitz. 32:29 Dec 29 '71

VETERANS BENEFITSSee alsoBonuses

Added insurance authority asked by VA. AF Times 32:6 Oct 27 '71

Broader VA care opposed. AF Times 32:8 Aug 18 '71

Few vets attend foreign schools. AF Times 32:15 Sep 8 '71

GI Bill benefits. AF Pley Ltr for Comdrs: Sup No. 2: 32 Feb '71

GI loan benefits added. AF Times 31:34 Mar 10 '71

VETERANS BENEFITS (Continued)

Hearings opened on GI Bill boost. AF Times 32:11 Dec 8 '71

History of GI insurance. AF Times 32:11 Dec 8 '71

Home loans through VA reach peak. AF Times 32:6 Oct 20 '71

House legislation OKs VA kin medical care. AF Times 32:15 Oct 6 '71

Insurance improved for separatees. AF Times 31:21 Apr 7 '71

McGovern asks boost in GI Bill school rates. AF Times 31:19 Jun 16 '71

Million studying under GI Bill. Larry Carney. AF Times 31:23 May 5 '71

More vet help pushed--(Sen) Hartke attacks job aid program. Larry Carney. AF Times 32:29 Dec 29 '71

Nonservice pensions increased. AF Times 31:51 Jan 13 '71

Record insurance dividends to be paid by VA in 1971. Officer 47:24 Feb '71

31% increase asked in GI Bill payments. AF Times 32:8 Aug 25 '71

2 precedents involved in widow annuity plan. Bob Horowitz. AF Times 32:10 Aug 25 '71

VA cites advances in 1970 programs at close of year. Officer 47:24 Feb '71

VA notes increasing GI Bill enrollment. AF Times 31:35 Jan 13 '71

VA urges GI Bill benefit increase. AF Times 32:6 Dec 15 '71

VSEP (Los Angeles' Veterans Special Education Program) aids veterans. AF Times 32:40 Sep 22 '71

Viet veteran insurance nears OK. AF Times 32:26 Oct 20 '71

Your future as a veteran. illus tabs AF Times pt 1. Yes, vets, some do care. Larry Carney. 32:5-6 Oct 13 '71; pt 2. On-duty Transition does help. Bob Schweitz. 32:5-6 Oct 20 '71; pt 3. VA benefits aren't automatic. Bill Drach and Louis Dorsch. 32:42-43 Oct 27 '71; pt 4. GI Bill 'student body' growing. Larry Carney. 32:42-43 Nov 3 '71; pt 5. Vet unemployment dips. Larry Carney. 32:41-42 Nov 10 '71; pt 6. Disability pay confusing. Mel Jones. 32:46-47 Nov 17 '71; pt 7. VA caters to 'new vet.' George Marker. 32:43-44 Nov 24 '71; pt 8. GI home buying gets new life. George Marker. 32:45-46 Dec 1 '71; pt 9. SGLI conversion tips. Bill Kreh. 32:50-51 Dec 8 '71; pt 10. The beneficiary snag. Ruth Chandler. 32:37 Dec 15 '71; pt 11. How 'bout the Reserves. Ed Gates. 32:30-31 Dec 22 '71; pt 12. Dear Congressman. Robert S. Horowitz. 32:29 Dec 29 '71

VETERINARY CORPSAir Force

Veterinary food inspection. TIG Brief 23:17 Nov 19 '71

VIBRATION

Comparative effects of vibration on monocular and binocular vision. Morton K. Ohlbaum and others. illus tabs Acrosp Med 42:36-41 Jan '71

VIBRATION - Continued

Effects of combined heat, noise and vibration stress on human performance and physiological functions. W.F. Grether and others. illus tabs Aerosp Med 42:1092-1097 Oct '71

Ground resonance or pilot induced oscillations? CW3 Arel E. Childress. illus USA Avn Dig 17:58-59 Feb '71

VIET CONG

Another face of the war. William Beecher. illus Natl Guardsman 25:2-7 Feb '71

Terrorism as a political weapon. Jay Mallin. tab AU Rev 22:45-52 Jul-Aug '71

VIETNAMHistory

Another view of the Stalingrad and Dien Bien Phu airlifts. (Comment on article by D.J. Backlund, Aerosp Hist, Summer-Fall 1970) LtGen William H. Tunner, Ret. illus Aerosp Hist 18:135-137 Sep '71

The history and culture of Vietnam. (Lecture, Naval War College, 1966) Bernard B. Fall. illus Nav War Col Rev 23:48-54 Feb '71

War really is hell. (First Indochinese war) Editorial. Officer 47:8+ Jul '71

VIETNAM (REPUBLIC)

Another face of the war. William Beecher. illus Natl Guardsman 25:2-7 Feb '71

Impressions of Vietnam. Colin Beer. Army Qtr 101: 237-241 Jan '71

Republic of Vietnam's National Police. LtCol David E. Shepherd, Jr. illus chart Mil Rev 51:69-74 Jun '71

History

The war in Vietnam. Col Cao Xuan Ve. illus Royal United Svc Instn J 116:3-11 Mar '71

VIETNAMESE CONFLICT, 1957-

AFers perform many jobs with Vietnam (Regional) Exchange. illus AF Times 32:18 Aug 18 '71

Another first (and we hope the last). Maj John L. Wood. illus USA Avn Dig 17:32-34 Jun '71

The brutality and helplessness of the invaders. Col A. Leontyev. Soviet Mil Rev No. 7:50-51 Jul '71

China cooperates with (SEA) forecasters. SSgt Dave Husband. AF Times 32:39 Sep 22 '71

Impressions of Vietnam. Colin Beer. Army Qtr 101: 237-241 Jan '71

Man of the Year, 1962. Claude Witze. illus AF Mag 54:16-18 Sep '71

Mapping in Southeast Asia. Col Edward G. Anderson, Jr. maps Mil Engr 63:232-235 Jul-Aug '71

Most Viet clubs, stores called corrupt in probe. AF Times 31:6 Mar 10 '71

90 acres of hell. Sgt John C. Gundersdorf. illus Airman 15:24-26 Apr '71

Paging unsung heroes. (Post-Vietnam troops with serious morale and discipline problems) Maj Lewis Higinbotham. AF Times, Family sup:6-8+ Dec 1 '71

Porkers bring home the bacon. SP5 Frank Plonska. illus Army Dig 26:45 Jan '71

VIETNAMESE CONFLICT, 1957- - Continued

Signs of a waning war. Col Robert D. Heintz, Jr. Armed Forces J 109:32-33 Dec '71

Terrorism as a political weapon. Jay Mallin. tab AU Rev 22:45-52 Jul-Aug '71

To build a better mouse trap. SP5 Peter Herrick. illus Army Dig 26:32-35 Jan '71

Travel to South Vietnam, Thailand. TIG Brief 23:15 Mar 26 '71

Viet veteran insurance nears OK. AF Times 32:26 Oct 20 '71

The war in Vietnam. Col Cao Xuan Ve. illus Royal United Svc Instn J 116:3-11 Mar '71

Aerial Operations

The use of air power in Vietnam. AVM S.W.B. Menaul. illus Royal United Svc Inst for Def Studies J 116:5-15 Jun '71

Aerial Operations, American

AC-130 gunships destroy trucks and cargo. George Weiss. illus Armed Forces J 109:18-19 Sep '71

ADM Sharp comments on Viet air war. (Extracts from address, "Comments on the Pentagon Papers," San Diego Council, Navy League, July 21, 1971) ADM U.S. Grant Sharp, Ret. Sea Power 14:36-37 Sep '71

The air cavalry troop: Will it be effective? Capt David W. Owen. illus Infantry 61:42-45 May-Jun '71

Air support not reduced in speeded (Vietnam) pullout. AF Times 32:22 Dec 1 '71

Airpower could have won in Vietnam. ADM U.S. Grant Sharp, Ret. AF Mag 54:82-83 Sep '71

Army reports helicopter success in Laos, Air Force skeptical. Brooke Nihart. Armed Forces J 108:24+ Apr 5 '71

The Assam Dragons (25th Tactical Fighter Sq). Albert C. Piccirillo. illus tab Am Avn Hist Soc J 16:131-138 Summer '71

Bac Giang by flak light. LtCol Ralph G. deClairmont. illus map AF Mag 54:49-53 Mar '71

CO 2/17 AirCav: 'Gunships took tanks, survived flak' in Laos. George Weiss. illus Armed Forces J 108:22-23+ Apr 19 '71

Call in the gunships. LtCol John B. Fitch. illus Army Dig 26:32-35 Apr '71

A clearer perspective. (Remarks, Washington Chapter, American Ordnance Assoc, Washington, April 12, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 6:18-24 Jun '71

'Get out, Jack! You're burning!' (Capt Jack W. Weatherby's reconnaissance mission in Vietnam wins for him the Air Force Cross) Glenn B. Infield. illus AF Mag 54:92-95 Feb '71

A group called Wolf. LtCol Mark E. Berent. illus AF Mag 54:88-91 Feb '71

The heli-tactic gap. Col Howard I. Lukens. illus Army 21:43-46 Aug '71

Igloo White. John L. Frisbee. illus AF Mag 54:48-53 Jun '71

VIETNAMESE CONFLICT, 1957- - Continued

Aerial Operations, American - Cont'd

Marine Aviation in Vietnam, 1962-1970. LtGen Keith B. McCutcheon. illus maps tabs US Nav Inst Proc 97:122-155 May '71

Mission accomplished. (355th and 31st Tactical Fighter Wings in SEA) Capt Gary A. Guimond Airman 15:17-18 Sep '71

Nimrod--king of the (Ho Chi Minh) Trail. Capt Michael J. C. Roth. illus AF Mag 54:30-34 Oct '71

"Nite Owl" operations (in 497th Tactical Fighter Sq, Ubon RTAFB, Thailand). LtCol Charles F. Harrington. illus Tac Air Warfare Cen Qtr Rpt 2:4-11 Dec '70

An old airplane (C-47) in a new war. J. L. Cole. illus Aerosp Hist 18:71-74 Jun '71

President puts no limit on air power in SEA. AF Times 31:21 Mar 3 '71

Recon pilot tells of MIG attack. AF Times 31:18 Jun 30 '71

Roll back the curtain of the night. Capt Bud Crouch. illus AF & Space Dig 54:36-38 Jan '71

SEA airpower's effectiveness weighed (by Air University under the code name Corona Harvest). AF Times 31:21 Jun 9 '71

Seamans details SEA reductions. AF Times 32:9 Dec 29 '71

Shadow--AC-119 gunships in Southeast Asia. SSgt Robert J. Lessels, Jr. illus AF Mag 54:38-40 Nov '71

Southeast Asia air operations. Albert C. Piccirillo. illus Am Avn Hist Soc J pt 1, U. S. Army and USMC tactical air in Thailand. 15:198-199 Fall '70; pt 2, Southeast Asia air operations. 15:268-269 Winter '70; pt 3, Combat air refueling. 16:61-62 Spring '71; pt 4, Special air warfare 16:212-214 Fall '71

Support by FACs found vital to success in Laos. AF Times 31:21 May 26 '71

TAC Air: Present and future lessons, problems, and needs. George Weiss. illus Armed Forces J 109:30-35 Sep '71

They need us down there. (The mission of Army Aviation) Maj John A. Little. illus USA Avn Dig 17:10-13 Mar '71

Tiger Surprise (lightship). SP5 Stan Grayson. illus Army Dig 26:8-9 Jan '71

USAF's changing role in Vietnam. John L. Frisbee. illus tabs AF Mag 54:40-45 Sep '71

U. S. policies unchanged in bombing resumption. LtGen Ira C. Eaker, Ret. AF Times 32:13 Nov 3 '71

(Viet)nam War leads in bomb drops. AF Times 32:3 Nov 24 '71

Vignettes (from Vietnam, adapted from on-the-scene news releases by Air Force combat news teams). Regular feature in issues of Airman

Statistics

Sortie and loss rates over South Vietnam, 1965-1970. Table only. Armed Forces J 108:30 Jan 18 '71

VIETNAMESE CONFLICT, 1957- - Continued

Airborne Operations

Guerrilla battalion, U. S. style. Col David H. Hackworth. illus Infantry 61:22-28 Jan-Feb '71

Limited asset airmobile operations. Maj Frank W. Gillespie, Jr. illus Infantry 61:12-15 May-Jun '71

Pegasus. LtGen John J. Tolson III. illus maps Army 21:10-19 Dec '71

Airlift Operations

Automation improves airlift. LtCol Robert F. Ellington. illus Tac Alft 1:12-13 Apr '71

Copters carry the cargo of men, materiel, munitions. LtCol Lewis McConnell. illus Army Dig 26:26-30 Feb '71

Khe Sanh operation ends with big lift. AF Times 31:18 May 5 '71

MAC adjusts to new mission. AF Times 32:55 Nov 3 '71

Study team (at Tactical AirLift Center (TALC)) evaluates airlift (as inputs to Project Corona Harvest). 2dLt Jim Bateman. illus Tac Alft 1:9-11 Apr '71

463d TAW (Tactical Airlift Wg) plays vital role at Khe Sanh. illus Tac Alft 1:7 Jul '71

The use of air power in Vietnam. AVM S. W. B. Menaul. illus Royal United Svcs Inst for Def Studies J 116:5-15 Jun '71

Allied Forces, American

Aftermath of a court-martial: The unanswered questions. Col Robert D. Heintz, Jr. Armed Forces J 108:36-38 Apr 19 '71

Air support not reduced in speeded (Viet)nam pullout. AF Times 32:22 Dec 1 '71

The collapse of the Armed Forces. Col Robert D. Heintz, Jr. illus Armed Forces J 108:30-38 Jun 7 '71

Command and staff: Personnel management problems. Maj Nelson L. Marsh. illus tab USA Avn Dig 17:1-7 Jan '71

A company commander reflects on Operation Hue City. Capt G. R. Christmas. illus MarCor Gaz 55:34-39 Apr '71

Draftees vs lifers: Loser is Army morale. Col Robert D. Heintz, Jr. Armed Forces J 108:19 May 3 '71

A fighting Army heads for home--heavy responsibilities in 'phased withdrawal.' LtGen William J. McCaffrey. illus Army 21:106-113 Oct '71

Laird sees difficulty in all-vol for SEA. AF Times 31:19 Apr 28 '71

More precious than bullets--the story of how one U. S. unit carried out an operation in Vietnam's vital 'rice war.' Maj Terry E. Rowe. illus Army 21:38-44 Mar '71

A report on the 11th Armored Cavalry in Southeast Asia--1969-70. Col Donn A. Starry. Armor 80:14-20 Jan-Feb '71

S. L. A. Marshall speaks out. Interview. BrigGen Samuel L. A. Marshall. illus Infantry 61:46-51 May-Jun '71

Thundering silence, instead of a public accounting. Editorial. Benjamin F. Schemmer. Armed Forces J 108:4 Feb 15 '71

VIETNAMESE CONFLICT, 1957- - ContinuedAllied Forces, American - Cont'd

The tragedy of Gen Donaldson: Victim of antimilitary hysteria? Col Robert D. Heintz, Jr. Armed Forces J 108:19 Jun 21 '71

Turbulence and Army readiness. Lloyd Norman. illus Army 21:10-14 Jul '71

USA torpedoing peaceful settlement in Vietnam. Vasily Yefremov. Soviet Mil Rev No. 1:56-57 Jan '71

Vietnam drug raid snares 44 airmen. AF Times 31:35 Mar 17 '71

Vietnam report. Col Lawrence L. Mowery. illus Infantry 61:39-45 Jan-Feb '71

(Viet)nam withdrawals--no cut seen in air role. AF Times 31:3 Apr 21 '71

Allied Forces, Australian

Canberra at war with No. 2 Squadron, R.A.A.F. in Vietnam. J. W. Bennett. illus Air Pict 33:62-63 Feb '71

Allied Forces, Vietnamese

Expanded training seen for Viet AF. Sgt John Gundersdorf. AF Times 31:19 Feb 17 '71

Signs of a waning war. Col Robert D. Heintz, Jr. Armed Forces J 109:32-33 Dec '71

Vietnamization moving ahead. AF Times 31:18 Mar 31 '71

Vietnamization progress. LtCol Norman H. Stutzer. illus Ordnance 56:226-229 Nov-Dec '71

American Participation

ADM Sharp comments on Viet air war. (Excerpts from address, "Comments on the Pentagon Papers," San Diego Council, Navy League, July 21, 1971) ADM U.S. Grant Sharp, Ret. Sea Power 14:36-37 Sep '71

Airpower could have won in Vietnam. ADM U.S. Grant Sharp, Ret. AF Mag 54:82-83 Sep '71

Background to the Laos operation. (Statement before Senate and House Armed Services Committees, Washington, Feb 9, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 4:23-26 Apr '71

The hassle over the Pentagon Papers: Must the First Amendment always come first? Editorial. Army 21:6-8 Aug '71

The pen and the sword: National security and freedom of the press. James D. Hessman. Armed Forces J 108:37 Jul 5 '71

The present situation in Vietnam and the prospects for the near future. Maj E. Hinterhoff. illus NATO's Fifteen Nations 16:32-39 Aug-Sep '71

Pullout support mounts. AF Times 31:2 Apr 14 '71

Some thoughts on national security issues in the decade ahead. (Address, National Security Seminar, Jackson, Miss, Jan 11, 1971) John C. Stennis Persp in Def Mgt, pp 41-44 Autumn '71

Those Pentagon Papers--who needs them? Editorial. John F. Loosbrock. AF Mag 54:6-9 Aug '71

The '206,000 plan'--the inside story. Lloyd Norman. map illus Army 21:30-35 Apr '71

VIETNAMESE CONFLICT, 1957- - ContinuedAmerican Participation - Cont'd

USA torpedoing peaceful settlement in Vietnam. Vasily Yefremov. Soviet Mil Rev No. 1:56-57 Jan '71

Vietnam: The Americans stand down--reflections of a traveler. Col Donovan P. Yeuell, Jr, Ret. illus Armed Forces J 108:34-35 Jul 19 '71

Withdrawal, redeployment, or cop out? Col Mark M. Boatner III, Ret. illus Army 21:14-19 Apr '71

Campaigns and Battles

Background to the Laos operation. (Statement before Senate and House Armed Services Committees, Washington, Feb 9, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 4:23-26 Apr '71

Backing the ARVN in Lam Son 719--(Operation) Dewey Canyon II. illus Army 21:116-117 Oct '71

The Cambodian action: An enemy sanctuary despoiled. SP5 Tom Bailey. illus Soldiers 26:34-42 Sep '71

Cambodian blitz. Maj Mel Jones. illus Armor 80: 21-24 Jan-Feb '71

A company commander reflects on Operation Hue City. Capt G. R. Christmas. illus MarCor Gaz 55: 34-39 Apr '71

Cordon at Phuoc Yen. Capt Richard D. Camp. illus map MarCor Gaz 55:28-31 Feb '71

Guerrilla battalion, U. S. style. Col David H. Hackworth. illus Infantry 61:22-28 Jan-Feb '71

Laos truck kills approach 25,000 mark. George Weiss. illus Armed Forces J 108:15+ May 3 '71

The (Liberty) Bridge (at An Hoa): A study in defense. Capt Wayne A. Babb. illus map MarCor Gaz 55: 16-23 Jun '71

Maritime support of the campaign in I Corps. CDR Frank C. Collins, Jr. illus maps US Nav Inst Proc 97:156-179 May '71

Mechanized Infantry in Vietnam. LtCol William E. Klein. illus Infantry 61:18-21 Mar-Apr '71

Pegasus. LtGen John J. Tolson III. illus maps Army 21:10-19 Dec '71

A report on the 11th Armored Cavalry in Southeast Asia--1969-70. Col Donn A. Starry. Armor 80: 14-20 Jan-Feb '71

A sitting duck. Capt Hartmut Schuler. maps Armor 80:13-17 Mar-Apr '71

They need us down there. (The mission of Army Aviation) Maj John A. Little. illus USA Avn Dig 17:10-13 Mar '71

Casualties

Airline (Eastern) to offer jobs to PW (and MIA) pilots--hiring priority given. AF Times 31:8 Jun 9 '71

Bickering (among POW and MIA kin) may kill campaign. AF Times 32:20 Dec 29 '71

Casualties dip. tab AF Times 31:10 Aug 4 '71

Enemy death toll five-to-one in Laos. AF Times 31:2 Apr 14 '71

Enemy death toll placed at 703,000--U.S.: 44,518. AF Times 31:16 Mar 10 '71

VIETNAMESE CONFLICT, 1957- - Continued

Casualties - Cont'd

- For hope springs eternal. 1stLt Clemmer L. Slaton. illus Airman 15:40-46 May '71
- He is America. Maj Jimmy K. Kilbourne. illus Airman 15:48-49 Jan '71
- How long would you wait? Lee Ewing. AF Times Family sup:7-9+ Oct 20 '71
- League runs out of funds for POW-MIA campaign. AF Times 32:10 Dec 29 '71
- MIA/POW action report. Regular feature in some issues of Air Force Magazine.
- Missing pilot's children receive VA school aid. AF Times 31:20 Mar 3 '71
- POW kin seek help in Europe. AF Times 31:5 May 26 '71
- POW kin take no-politics stand. Ruth Chandler. AF Times 32:20 Oct 13 '71
- POW/MIA pilots receive job offer (from Eastern Air Lines). Armed Forces J 108:18 Jun 21 '71
- PW-MIA to get eagles. George Foster. AF Times 31:1+ Mar 24 '71
- PW or MIA--kidnapped without ransom. SP5 Tom Bailey. illus Soldiers 26:18-23 Jul '71
- The plight of our POWs/MIAs. (Address, 28th Annual Convention of National Religious Broadcasters, Washington, Jan 26, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 3:23-27 Mar '71
- Recomputation, POW Week head list of new bills. Armed Forces J 108:12-13+ Feb 15 '71
- Release offered survivors of Vietnam-era casualties. AF Times 32:6 Dec 8 '71
- Results of early aeromedical evacuation of Vietnam casualties. (Paper, Aerospace Medical Assoc, San Francisco, May 6, 1969) M.S. White and others. illus map tab Aerosp Med 42:780-784 Jul '71
- Speak for the silent. MSgt Jack Holden. (Interview with Iris Powers) illus Soldiers 26:26-28 Jul '71
- Support for PW/MIA families. TIG Brief 23:12 Feb 12 '71
- To the POW/MIA wives, from the guys in the squadron--if words can help, we'd like you to know how we feel. illus Interceptor 13:18-19 Dec '71
- Viet phasedown effects announced. AF Times 32:22 Oct 6 '71
- Vietnam casualty rates dropped 37% after Cambodia raid--but for American pilots, it's still a very deadly war. Benjamin F. Schemmer. tabs Armed Forces J 108:28-30 Jan 18 '71
- Vietnam War 2d in cost. AF Times 31:2 Jul 28 '71
- Williams (AFB, Ariz) weekend aids POW' children. AF Times 31:38 May 5 '71

Statistics

- The composite PW. illus Soldiers 26:24-25 Jul '71

Communications-Electronics Applications

- Electronic warfare. Capt William A. Brickey. illus Infantry 61:28-30 Sep-Oct '71
- The future of communications in South Vietnam. Interview. BrigGen Jack A. Albright. illus Signal 25:10-14 Apr '71

VIETNAMESE CONFLICT, 1957- - Continued

Communications-Electronics Applications - Cont'd

- Igloo White. John L. Frisbee. illus AF Mag 54:48-53 Jun '71
- Long distance dialing comes to Southeast Asia. LtCol Charles S. Richardson. illus Signal 25:10-13 Mar '71
- Low frequency air navigation in Southeast Asia. Capt Bruce E. Gearhart. illus map Signal 26:20-24 Nov '71
- More communications for the DOD dollar. (Address, AFCEA, Washington, June 10, 1971) Barry J. Shillito. illus Signal 25:24-26 Aug '71
- (Need for electronic warfare; address, 7th Annual National Convention of Assoc of Old Crows, Anaheim, Calif, Oct 6-8, 1970) VADM Vincent P. de Poix. illus Elect Warfare 3:4+ Winter '71
- SEA scope returns. Capt Richard W. Cooper, Jr. Navigator 18, No. 3:23-24 '71

Damages and Losses

- Sortie and loss rates over South Vietnam, 1965-1970. Table only. Armed Forces J 108:30 Jan 18 '71
- U.S. aircraft losses in Southeast Asia, 1962-1970. Table only. Armed Forces J 108:30 Jan 18 '71

Economic Aspects

- Vietnam War 2d in cost. AF Times 31:2 Jul 28 '71

Engineering and Construction

- Anchor chain land clearing. Capt Robert A. Adams. illus Mil Engr 63:259 Jul-Aug '71
- Building for computers in Vietnam. LT Michael E. Weyler. illus Mil Engr 63:238-239 Jul-Aug '71
- Engineering in the Mekong Delta. Col Wayne S. Nichols and SP4 David R. Wheeler. illus Mil Engr 63:100-102 Mar-Apr '71
- "Hackberry Inn," Vietnam. 1stLt Karl M. Heien. illus Mil Engr 63:28-29 Jan-Feb '71
- Land clearing in the Delta, Vietnam. Capt Stephen E. Draper. illus Mil Engr 63:257-259 Jul-Aug '71
- The (Liberty) Bridge (at An Hoa): A study in defense. Capt Wayne A. Babb. illus map MarCor Gaz 55:16-23 Jun '71
- Lifeflood at U-Tapao Airfield, Thailand--pacesetter for the future. Capt James G. Smith, Jr. illus AF Civil Engr 12:18-20 May '71
- Long bridge at Bong Son. Capt Roger L. Baldwin. illus Mil Engr 63:334-335 Sep-Oct '71
- On currying a RED HORSE. 2dLt David W. Bakker. illus AF Civil Engr 12:24-25 Feb '71
- Operation Deep Channel. LTJG James M. Howard III. illus map US Nav Inst Proc 97:39-49 Aug '71
- Unique submarine pipeline installation (in Mekong Delta, Vietnam). Maj Todd D. Strong. illus Mil Engr 63:329-331 Sep-Oct '71
- Viets get base housing--2400 family units slated. AF Times 31:21 May 12 '71

VIETNAMESE CONFLICT, 1957- - Continued

Equipment

- Battle for control of Ho Chi Minh trail. George Weiss and others. illus Armed Forces J 108:18-22 Feb 15 '71
- Demon of death. LtCol Jack B. Farris, Jr. illus Infantry 61:22-25 Jul-Aug '71
- Hobo kit makes iron bombs into guided missiles. illus Armed Forces J 108:37 Mar 1 '71
- Laos truck kills approach 25,000 mark. George Weiss. illus Armed Forces J 108:15+ May 3 '71
- Mechanized flame operations in Vietnam. Capt Albert R. Amos. illus Infantry 61:46-49 Mar-Apr '71
- SEA sensor fields: More eyes and ears. George Weiss. illus Armed Forces J 108:38-39 Mar 1 '71
- Vietnamization progress. LtCol Norman H. Stutzer. illus Ordnance 56:226-229 Nov-Dec '71

Costs

- Smart bombs for cheap bombing. Armed Forces J 108:18-19 May 3 '71

Maintenance and Repair

- Copter repair afloat/ashore. SP4 Tom Bailey. illus Army Dig 26:20-22 May '71
- Find 'em, fix 'em, stock 'em. LtCol Robert C. Hawlk. illus tab Army Dig 26:4-7 Jan '71
- They rise and fly again. (The RAM (Rapid Area Maintenance) teams in action) Capt Larry M. Schoenhals. illus Aerosp Safety 27:10-12 Oct '71

Intelligence Operations

- Air Force's Evans: A way to deny the enemy. illus Govt Exec 3:30 May '71
- S2 + CO + AMC = KO - VC. Lt William R. Glazner. USA Avn Dig 17:2-5 Mar '71
- Where is the enemy? (Prisoner interrogation and map-tracking) Maj Robert M. Herrick. illus Army 21:46-49 Jun '71

Logistics

- Back-breaking efforts regain cargo pallets. Sgt John H. Mueller. AF Times 31:18 Jan 6 '71
- Base depot upgrade (for Armed Forces of Vietnam). Maj Murray G. Swindler. illus Ordnance 56:143-146 Sep-Oct '71
- CADS (Containerized Ammunition Distribution System). SP5 Eduardo E. Sanchez. illus Translog 2:8-10+ Jul '71
- Copters carry the cargo of men, materiel, munitions. LtCol Lewis McConnell. illus Army Dig 26:26-30 Feb '71
- Direct support logistics. LtCol Morris C. Cannon. illus Mil Rev 51:18-23 May '71
- Keynote speech, Fifth Annual Convention (Society of Logistics Engineers, Dallas, Aug 26-28, 1970). LtGen Earl C. Hedlund. illus Log Spectrum 4:1-8+ Winter '70
- Managing Pacific Command excesses. (Army's Pacific Utilization and Redistribution Agency) Maj Lee W. Williams. illus Army Log 3:16-18 Nov-Dec '71
- Military containerization--impact on worldwide supply. A. Jack Mayor. illus Def Trans J 27:46-49 May-Jun '71

VIETNAMESE CONFLICT, 1957- - Continued

Logistics - Cont'd

- Recovering assets--incountry. tab Army Log 3:33 Nov-Dec '71
- 463d TAW (Tactical Airlift Wg) plays vital role at Khe Sanh. illus Tac Alft 1:7 Jul '71
- TRICAP--a new logistics challenge. Ivan H. Oleson. illus chart Army Log 3:4-7+ Sep-Oct '71
- United States Agency for International Development--from advice to action. Jesse M. Johnson. illus Army Log 3:18-21+ May-Jun '71
- Vietnam redeployment and materiel retrograde. MajGen Walter J. Woolwine. illus Army Log 3:8-9+ Jul-Aug '71; Review 51:29+ Sep-Oct '71
- Vietnam withdrawal pains felt. AF Times 31:16 Mar 31 '71

Medical and Sanitary Affairs

- Addicts double airevac. Jim Sample. AF Times 32:1+ Oct 13 '71
- Clean up the drug scene. Capt George F. Bennett. illus Soldiers 26:36-37 Dec '71
- A different kind of courage. Lt Richard Harris and SP4 William A. Ward. illus Army Dig 26:30-32 May '71
- Face the future--plastic surgery skills in Vietnam help the maimed. Len Brown. illus Soldiers 26:68 Jun '71
- 'Head Shed' helps Viet drug abusers. Maj Ron Sherman. illus AF Times 31:18 Jun 30 '71
- Millionth pint of blood (shipped to Vietnam). AF Times 31:50 Jul 7 '71
- The most beautiful girl in the world (U.S. Army nurse). illus Soldiers 26:48-51 Nov '71
- Nurse (2dLt Thomas D. Brisco) writes book to replace MEDCAP (MEDical Civic Action Program). AF Times 31:16 Jan 13 '71
- Pleiku hospital cleared--casualties anticipated. AF Times 31:22 May 26 '71
- Results of early aeromedical evacuation of Vietnam casualties. (Paper, Aerospace Medical Assoc, San Francisco, May 6, 1969) M. S. White and others. illus map tab Aerosp Med 42:780-784 Jul '71
- The thread of a concept. Col E. R. Brady. illus MarCor Gaz 55:35-42 May '71
- Train not treat. SP5 Stan Grayson. illus Army Dig 26:61 Jan '71
- Winged ward (Special Airborne Medical Care Unit) tested. AF Times 31:18 Jul 14 '71
- Witchcraft helping doctors treat Viets. AF Times 31:18 Jan 6 '71

Moral and Religious Aspects

- Abandoned child conference held. AF Times 32:27 Aug 18 '71

Naval Operations, American

- Into the third century: A selective force in a ready state--the Marines. Gen R. G. Davis. illus Sea Power 14:28-35 Oct '71
- Maritime support of the campaign in I Corps. CDR Frank C. Collins, Jr. illus maps US Nav Inst Proc 97:156-179 May '71

VIETNAMESE CONFLICT, 1957- - ContinuedNaval Operations, American - Cont'd

The naval war in Vietnam, 1950-1970. CDR R.L. Schreadley. illus maps US Nav Inst Proc 97: 180-209 May '71

Operation New Jersey Shuffle. Capt Robert H. Kelly. illus Armor 80:48-50 May-Jun '71

Pacification Program

Another face of the war. William Beecher. illus Natl Guardsman 25:2-7 Feb '71

CORDS (Civil Operations and Rural Development Support): Key to Vietnamization. MSgt Raymond Davis. illus Soldiers 26:31-34 Jul '71

Crates become homes. AF Times 31:16 Jan 13 '71

How many civilians did you kill today? LtCol Bernard Loeffke. illus tab MarCor Gaz 55:12-13 Aug '71

MAT: Mobile Advisory Team. 1stLt John L. Hayes. illus Infantry 61:38-41 Mar-Apr '71

Vietnam report. Col Lawrence L. Mowery. illus Infantry 61:39-45 Jan-Feb '71

Peace and Mediation

How long would you wait? Lee Ewing. AF Times, Family sup:7-9+ Oct 20 '71

Two miles to limbo. (USAF couriers assigned to Paris peace talks) MSgt L. B. Leonberger. illus Airman 15:37-39 Dec '71

USA torpedoing peaceful settlement in Vietnam. Vasily Yefremov. Soviet Mil Rev No. 1:56-57 Jan '71

U. S. policies unchanged in bombing resumption. LtGen Ira C. Eaker, Ret. AF Times 32:13 Nov 3 '71

Personal Narratives

Airdrop mission to Katum. Maj Curtis L. Messex, Ret. illus AF Mag 54:46-51 Sep '71

Bac Giang by flak light. LtCol Ralph G. deClairmont. illus map AF Mag 54:49-53 Mar '71

'Get out, Jack! You're burning!' (Capt Jack W. Weatherby's reconnaissance mission in Vietnam wins for him the Air Force Cross) Glenn B. Infield. illus AF Mag 54:92-95 Feb '71

A group called Wolf. LtCol Mark E. Berent. illus AF Mag 54:88-91 Feb '71

Hawk (Capt John Hall). LtCol Stuart Shadbolt. illus Airman 15:47-48 Feb '71

How I survived. (Interview with Maj James N. Rowe) MSgt Jack Holden. illus Army Dig 26:4-5 May '71

Interpreter. Capt David O. Treadwell. illus Armor 80:22-24 Mar-Apr '71

The long way home. Maj Fred N. Thompson. illus Airman 15:29-31 Sep '71

OV-10 pair (Capt Arthur L. Moxon and Maj Samuel L. Ross) saved twice in 16 days after ejecting. AF Times 31:19 Jul 14 '71

On fire and going down. Capt William D. Bristow, Jr. illus USA Avn Dig 17:32-34 May '71; Approach 17:26-29 Aug '71

Portrait of a prisoner. LtCol Bob Chick. illus Army Dig 26:8-11 Feb '71

VIETNAMESE CONFLICT, 1957- - ContinuedPersonal Narratives - Cont'd

Recon pilot tells of MIG attack. AF Times 31:18 Jun 30 '71

Ride to Tan Canh filled with risks. Sgt Ken Sweeney. AF Times 31:16 Jan 27 '71

Political Aspects

See War--Political Aspects

Prisoners of War

Airline (Eastern) to offer jobs to PW (and MIA) pilots--hiring priority given. AF Times 31:8 Jun 9 '71

Bickering (among POW and MIA kin) may kill campaign. AF Times 32:20 Dec 29 '71

For hope springs eternal. 1stLt Clemmer L. Slaton. illus Airman 15:40-46 May '71

Handling and interrogation of prisoners of war. Maj Karl L. Chapman. illus Infantry 61:53-54 Jul-Aug '71

The "Hanoi Hilton" (North Vietnam's prison camps) heroes. RADM M. W. Cagle. illus Navy 14:13-16 Jun '71

He is America. Maj Jimmy K. Kilbourne. illus Airman 15:48-49 Jan '71

How I survived. (Interview with Maj James N. Rowe) MSgt Jack Holden. illus Army Dig 26:4-5 May '71

How long would you wait? Lee Ewing. AF Times, Family sup:7-9+ Oct 20 '71

League runs out of funds for POW-MIA campaign. AF Times 32:10 Dec 29 '71

The long way home. Maj Fred N. Thompson. illus Airman 15:29-31 Sep '71

MIA/POW action report. Regular feature in some issues of Air Force Magazine

Missing pilot's children receive VA school aid. AF Times 31:20 Mar 3 '71

North Vietnam violates its own heritage--mistreatment of POWs. Charles W. Havens III. Armed Forces J 108:32-33 Jul 5 '71

POW kin seek help in Europe. AF Times 31:5 May 26 '71

POW kin take no-politics stand. Ruth Chandler. AF Times 32:20 Oct 13 '71

POW/MIA pilots receive job offer (from Eastern Air Lines). Armed Forces J 108:18 Jun 21 '71

POW treatment: Principles versus propaganda. John H. Chafee. illus US Nav Inst Proc 97:14-17 Jul '71

POWs and the 'political willpower' dimension of war. CDR Roy N. Beavers. illus Armed Forces J 108:32-35 Feb 1 '71

PW-MIA to get eagles. George Foster. AF Times 31:1+ Mar 24 '71

PW or MIA--kidnapped without ransom. SP5 Tom Bailey. illus Soldiers 26:18-23 Jul '71

The plight of our POWs/MIAs. (Address, 28th Annual Convention of National Religious Broadcasters, Washington, Jan 26, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 3:23-27 Mar '71

Portrait of a prisoner. LtCol Bob Chick. illus Army Dig 26:8-11 Feb '71

VIETNAMESE CONFLICT, 1957- - Continued

Prisoners of War - Cont'd

Reasons for a POW raid. Claude Witze. illus AF & Space Dig 54:8-9 Jan '71

Recomputation. POW Week head list of new bills. Armed Forces J 108:12-13+ Feb 15 '71

Speak for the silent. MSgt Jack Holden. (Interview with Iris Powers) illus Soldiers 26:26-28 Jul '71

Support for PW/MIA families. TIG Brief 23:12 Feb 12 '71

To the POW/MIA wives, from the guys in the squadron--if words can help, we'd like you to know how we feel. illus Interceptor 13:18-19 Dec '71

Where is the enemy? (Prisoner interrogation and map-tracking) Maj Robert M. Herrick. illus Army 21:46-49 Jun '71

Williams (AFB, Ariz) weekend aids POW' children. AF Times 31:38 May 5 '71

Statistics

The composite PW. illus Soldiers 26:24-25 Jul '71

Propaganda

The specter of 'Hanoi Helen.' Bruce Callander. AF Times 31:13 Apr 28 '71

Protests, Demonstrations, etc Against

The Guard at Kent University. MajGen Jim Dan Hill, Ret. illus Natl Guardsman 25:8-12 Feb '71

National suicide? Ernest Cuneo. illus Ordnance 55: 536-538 May-Jun '71

Ohio State alumni leaders favor ROTC; oppose anti-Vietnam role by university. Officer 47:9 Jan '71

Psychological Aspects

Coordinated litterbugging. Capt James C. Wise. illus Armor 80:51-53 May-Jun '71

'I told you so' technique pays off for psyops pilots. AF Times 31:20 Mar 10 '71

More precious than bullets--the story of how one U.S. unit carried out an operation in Vietnam's vital 'rice war.' Maj Terry E. Rowe. illus Army 21:38-44 Mar '71

Operation New Jersey Shuffle. Capt Robert H. Kelly. illus Armor 80:48-50 May-Jun '71

Psychological operations and air power: Its hits and misses. Col Robert L. Gleason. illus AU Rev 22: 34-46 Mar-Apr '71

Vietnam syndrome. Kay Piotrkowski. illus Army 21:22-24 Dec '71

Public Opinion

Dialogue reestablished. (Army War College's Vietnam Panel talks to students) Col John J. McCuen. illus Army 21:14-20 Nov '71

How many civilians did you kill today? LtCol Bernard Loeffke. illus tab MarCor Gaz 55:12-13 Aug '71

Military challenge in the 1970's. Stanley L. Harrison. illus MarCor Gaz 55:28-31 Jan '71

Pullout support mounts. AF Times 31:2 Apr 14 '71

The specter of 'Hanoi Helen.' Bruce Callander. AF Times 31:13 Apr 28 '71

VIETNAMESE CONFLICT, 1957- - Continued

Public Opinion - Cont'd

Vacillation and stability in American public opinion toward military and foreign policy. James Clotfelter. illus Nav War Col Rev 23:55-61 Feb '71

Vietnam: The Americans stand down--reflections of a traveler. Col Donovan P. Yeuell, Jr, Ret. illus Armed Forces J 108:34-35 Jul 19 '71

Views of Vietnam war contrast sharply on Hill. AF Times 31:6 May 12 '71

Reconnaissance Operations

Aero scout...what's it all about? Capt Matthew M. Serletic. illus USA Avn Dig 17:30-31 Feb '71

Bac Giang by flak light. LtCol Ralph G. deClairmont. illus map AF Mag 54:49-53 Mar '71

FAC visual recon. Horace H. Valverde. illus map Tac Air Recon Dig 5:20-27 Jun '71

(Operation) Montana Raider: Mobility in the jungle--classroom for tomorrow? Col James H. Leach and others. illus maps Armor 80:4-14 Sep-Oct '71

Twelve cardinal rules (of gunship tactics). illus USA Avn Dig 17:6-7 Dec '71

Unique SEA unit finds enemy hidden on film. Sgt Ken Sweeney. illus AF Times 31:20 Jun 9 '71

Refugees

More precious than bullets--the story of how one U.S. unit carried out an operation in Vietnam's vital 'rice war.' Maj Terry E. Rowe. illus Army 21:38-44 Mar '71

Search and Rescue Operations

Against all odds. (A1C Joel E. Talley earns the Air Force Cross) A1C Dave Cole. illus Airman 15: 24-29 May '71

Dean of the dust-offers. (CWO Michael J. Novosel earns Medal of Honor) L. James Binder. illus Army 21:16-21 Aug '71

49th Medal of Honor awarded Reservist (Pvt Raymond M. Clausen, Jr). MarCor Gaz 55:2 Aug '71

OV-10 pair (Capt Arthur L. Moxon and Maj Samuel L. Ross) saved twice in 16 days after ejecting. AF Times 31:19 Jul 14 '71

On fire and going down. Capt William D. Bristow, Jr. illus USA Avn Dig 17:32-34 May '71: Approach 17:26-29 Aug '71

Recovery mission SOP. Capt Jeffery Roy. illus USA Avn Dig 17:31-33 Nov '71

Security Operations

Rocket-Artillery-Mortar (RAM) attacks. TIG Brief 23:6 Jun 4 '71

Seagoing SP captures North Vietnamese. AF Times 31:20 Jun 9 '71

Statistics

Laos truck kills approach 25,000 mark. George Weiss. illus Armed Forces J 108:15+ May 3 '71

Sortie and loss rates over South Vietnam, 1965-1970. Table only. Armed Forces J 108:30 Jan 18 '71

USAF's changing role in Vietnam. John L. Frisbee. illus tabs AF Mag 54:40-45 Sep '71

VIETNAMESE CONFLICT, 1957- - Continued

Statistics - Cont'd

U.S. aircraft losses in Southeast Asia, 1962-1970. Table only. Armed Forces J 108:30 Jan 18 '71

Vietnam casualty rates dropped 37% after Cambodia raid--but for American pilots, it's still a very deadly war. Benjamin F. Schemmer. tabs Armed Forces J 108:28-30 Jan 18 '71

(Viet)nam War leads in bomb drops. AF Times 32:3 Nov 24 '71

Strategy

Background to the Laos operation. (Statement before Senate and House Armed Services Committees, Washington, Feb 9, 1971) Melvin R. Laird. AF Plcy Ltr for Comdrs: Sup No. 4:23-26 Apr '71

A company commander reflects on Operation Hue City. Capt G.R. Christmas. illus MarCor Gaz 55: 34-39 Apr '71

Cordon at Phuoc Yen. Capt Richard D. Camp. illus map MarCor Gaz 55:28-31 Feb '71

Follow 'em down--unit fragmentation. Capt Dennis D. Collins. illus Infantry 61:44-49 Sep-Oct '71

Guerrilla battalion, U.S. style. Col David H. Hackworth. illus Infantry 61:22-28 Jan-Feb '71

The (Liberty) Bridge (at An Hoa): A study in defense. Capt Wayne A. Babb. illus map MarCor Gaz 55: 16-23 Jun '71

POWs and the 'political willpower' dimension of war. CDR Roy N. Beavers. illus Armed Forces J 108: 32-35 Feb 1 '71

The present situation in Vietnam and the prospects for the near future. Maj E. Hinterhoff. illus NATO's Fifteen Nations 16:32-39 Aug-Sep '71

The Presidential decision on the Cambodian operation --a case study in crisis management. Col Russell H. Smith. illus AU Rev 22:45-53 Sep-Oct '71

Remember these words--fire mission, over! illus USA Avn Dig 17:26-30 May '71

The '206,000 plan' --the inside story. Lloyd Norman. map illus Army 21:30-35 Apr '71

A Vietnam solution. MajGen Pham Quoc Thuan. illus Mil Rev 51:91-96 Jun '71

Troop Withdrawal

AF pace lags in Viet pullout. Ed Gates. AF Times 31:1+ Jul 7 '71

Air support not reduced to speeded (Viet)nam pullout. AF Times 32:22 Dec 1 '71

'Big John' oversees Vietnam withdrawal. AF Times 32:22 Nov 17 '71

Conferees (House-Senate) approve \$2.4-billion pay hike. tabs Armed Forces J 108:12-13 Jul 19 '71

Fewer to take second SEA Tour. Bruce Callander. AF Times 32:1+ Nov 10 '71

A fighting Army heads for home--heavy responsibilities in 'phased withdrawal.' LtGen William J. McCaffrey. illus Army 21:106-113 Oct '71

Pullout support mounts. AF Times 31:2 Apr 14 '71

(460th) Recon(naissance) Wing (Tan Son Nhut AB) inactivated in Vietnam phasedown. AF Times 32:18 Aug 25 '71

VIETNAMESE CONFLICT, 1957- - Continued

Troop Withdrawal - Cont'd

SEA pullback 'modest'--air role still large. AF Times 32:17 Sep 8 '71

SEA pullout seen speeding for AFers. Bruce Callander. AF Times 32:1+ Oct 6 '71

Senate's 'withdrawal' may spark struggle. AF Times 32:2 Oct 13 '71

Viet phasedown effects announced. AF Times 32:22 Oct 6 '71

Vietnam redeployment and materiel retrograde. MajGen Walter J. Woolwine. illus Army Log 3: 8-9+ Jul-Aug '71; Review 51:29+ Sep-Oct '71

Vietnam: The Americans stand down--reflections of a traveler. Col Donovan P. Yeucell, Jr, Ret. illus Armed Forces J 108:34-35 Jul 19 '71

Vietnam withdrawal pains felt. AF Times 31:16 Mar 31 '71

(Viet)nam withdrawals--no cut seen in air role. AF Times 31:3 Apr 21 '71

Withdrawal, redeployment, or cop out? Col Mark M. Boatner III, Ret. illus Army 21:14-19 Apr '71

Vietnamization

Airmen help Vietnamese build modern Air Force. AF Times 32:22 Nov 17 '71

Another face of the war. William Beecher. illus Natl Guardsman 25:2-7 Feb '71

Base depot upgrade (for Armed Forces of Vietnam). Maj Murray G. Swindler. illus Ordnance 56: 143-146 Sep-Oct '71

CORDS (Civil Operations and Rural Development Support): Key to Vietnamization. MSgt Raymond Davis. illus Soldiers 26:31-34 Jul '71

Data systems 'Vietnamized.' AF Times 32:42 Dec 22 '71

EOD job changing hands. AF Times 31:16 Jan 13 '71

Expanded training seen for Viet AF. Sgt John Gundersdorf. AF Times 31:19 Feb 17 '71

A fighting Army heads for home--heavy responsibilities in 'phased withdrawal.' LtGen William J. McCaffrey. illus Army 21:106-113 Oct '71

How the South Vietnamese are taking over their own air war. Kenneth Sams. illus AF Mag 54:24-30 Apr '71

Montagnards (Vietnamese tribesmen) become Rangers. Maj Thomas M. Johnson. illus Infantry 61:50-51 Jul-Aug '71

The naval war in Vietnam, 1950-1970. CDR R.L. Schreadley. illus maps US Nav Inst Proc 97: 180-209 May '71

OSI agents train Viets to fight espionage, crime--VNAF modernization. AF Times 31:16 Jun 23 '71

The present situation in Vietnam and the prospects for the near future. Maj E. Hinterhoff. illus NATO's Fifteen Nations 16:32-39 Aug-Sep '71

Progress reported in Vietnamization. AF Times 31:18 Jul 28 '71

Red shadow over Asia. ADM John S. McCain, Jr. Ordnance 55:431-435 Mar-Apr '71

VIETNAMESE CONFLICT, 1957- - ContinuedVietnamization - Cont'd

- Seamans details SEA reductions. AF Times 32:9 Dec 29 '71
- So, now you're an advisor. Capt David M. Dacus. illus Infantry 61:32-35 May-Jun '71
- Train not treat. SP5 Stan Grayson. illus Army Dig 26:61 Jan '71
- USAF's changing role in Vietnam. John L. Frisbee. illus tabs AF Mag 54:40-45 Sep '71
- Until the eagle (VNAF) soars. MSgt Dick Kelly. illus Airman 15:32-35 May '71
- VNAF: Vietnam's growing airpower. LtCol Jim Taylor. illus Airman 15:42-47 Apr '71
- Viet officers take maintenance course. AF Times 31:18 Jul 28 '71
- Vietnam report. Col Lawrence L. Mowery. illus Infantry 61:39-45 Jan-Feb '71
- Vietnamization and the computer. Forest W. Horton, Jr. Def Mgt J 7:54-56 Fall '71
- Vietnamization moving ahead. AF Times 31:18 Mar 31 '71
- Vietnamization progress. LtCol Norman H. Stutzer. illus Ordnance 56:226-229 Nov-Dec '71
- Viets gain skills for more roles. AF Times 31:20 Apr 28 '71
- Viets get base housing--2400 family units slated AF Times 31:21 May 12 '71
- Viets strive to take over Monkey Mountain in '72. AF Times 31:17 Jun 2 '71
- The war in Vietnam. Col Cao Xuan Ve. illus Royal United Svc Instn J 116:3-11 Mar '71
- Winning the ultimate victory through Vietnamization. (Adapted from address, Virginia Military Academy, Lexington, Nov 11, 1970) BrigGen Frank McCarthy, Ret. Army 21:4-6 Jan '71

War Criminals

- Where does killing end and murder begin in war? Col Robert B. Rigg, Ret. illus Mil Rev 51:3-9 Mar '71

VIETNAMIZATION see Vietnamese Conflict, 1957- --VietnamizationVILLA, Francisco

- Last of the first (LtCol Carleton G. Chapman, Ret). illus Airman 15:9-11 Jun '71

VISAS see PassportsVISUAL AIDS

- A demonstration model for near-polar orbits. John R. Millburn. illus Spaceflight 13:74-77 Feb '71
- Design for vu-graphs. G. F. Fairhurst. illus tab Log Spectrum 5:36-38 Summer '71
- Job training--spinoff from the military. Govt Exec 3:12 Jan '71
- Television. Capt Matthew E. Simek and A1C Jerome W. Hudson. illus USAF Instrs J 8:52-55 Winter '70-'71
- Videorecords--the latest in audio-visual technology. illus Signal 25:36-37 Mar '71

VISUAL FLYING

- The eye and you. illus Aerosp Safety 27:3-5 Oct '71
- Films help reduce pilot training time. AF Times 31:22 Feb 17 '71
- Galaxy glidepaths. illus tab MAC Flyer 18:9-11 Aug '71
- Look out below. Maj Nicholas E. Barreca. illus USA Avn Dig 17:20-23 Aug '71
- Pilot vision during final approach-and-landing in turbojet transport operations. David A. Hodgson. illus Aerosp Med 42:205-208 Feb '71
- Throw a nickel on the grass. (Teaching angle of attack) Maj Paul S. Lasen. illus Aerosp Safety 27:6-8 Oct '71
- Vision at high altitudes. GpCapt T. C. D. Whiteside. illus Approach 17:14-16 Sep '71

VOLPE, John A.

- Chairman Fisher says will of Congress defied by Secretary Volpe on Coast Guard Reserve. (Excerpts from opening statements to House Armed Services Subcommittee on Reserves, 1971) O. C. Fisher. illus Officer 47:15 May '71
- Coast Guard officers allowed to resign. Armed Forces J 108:14 Jan 4 '71
- The year ahead--challenge for 1971. John A. Volpe. por Def Trans J 27:16-17 Jan-Feb '71

VOLUNTEER FORCES (PROPOSED)

- Ad program brought results, surprises, questions. George Weiss. Armed Forces J 108:20-21 Jul 5 '71
- All-vol pool of medics questioned. AF Times 31:3 Mar 3 '71
- "All volunteer" concept creates new climate for military forces, ROA emphasizes in urging preparation for "the forces of tomorrow." Officer 47:7 May '71
- The all-volunteer Force--possible or probable? (Report on Military Manpower Challenge Symposium, AFA Convention, Washington, Sep 21, 1971) Capt John T. Correll. illus AF Mag 34:70-75 Nov '71
- ...and another view. Col Robert D. Heintz, Jr. Armed Forces J 108:33 Apr 5 '71
- Army ad program results look encouraging so far--Army did solicit bigger agencies, contrary to data given Journal earlier. Armed Forces J 108:17-18+ May 17 '71
- An Army taking stock in a changing society. Gen William C. Westmoreland. illus Army 21:19-22 Oct '71
- Army's LtGen George I. Forsythe: "Return... to soldiering." illus Govt Exec 3:23 Feb '71
- As a "short-term" sees it. SP4 Keith E. Fickenscher. illus Soldiers 26:38-42 Aug '71
- Barracks life now a little brighter, to attract volunteers. Army 21:6-7+ Jan '71
- Blueprint for tomorrow. Lt Wendell R. Cochran. illus Infantry 61:30-33 Jul-Aug '71
- Bonus weighed for recruits. AF Times 31:4 Jun 16 '71
- CONARC is pace-setter for Army in transition. Gen Ralph E. Haines, Jr. illus Army 21:33-39 Oct '71

VOLUNTEER FORCES (PROPOSED) - Continued

Challenge to Guard and Reserve, from back-up to force in being. Col Robert B. Rigg, Ret. illus Army 21:36-41 Apr '71

Challenges for new officers. (Remarks, AFROTC Dining-In, University of North Dakota, Grand Forks, Oct 15, 1971) BrigGen Jeanne M. Holm. AF Plcy Ltr for Comdrs: Sup No. 12:8-12 Dec '71

DOD inspects Britain's all-vols. AF Times 31:19 Jan 27 '71

DOD readies proposals to improve service life. Interview, Roger T. Kelley. AF Times 31:15 Jan 6 '71

Defense manpower. Interview. Roger T. Kelley. illus Govt Exec 3:55+ Apr '71

Degrees for staff NCOs. MSgt J. W. Lontos. MarCor Gaz 55:52 Aug '71

Draft bill imperils benefits. Bruce Callander. AF Times 31:1+ May 26 '71

Draft extension, pay hike both considered likely possibilities. Armed Forces J 108:11-13 Mar 15 '71

Draft-spurred volunteers score higher, survey finds. AF Times 31:42 Jun 16 '71

(Excerpts from AUSA's 1971 Annual Meeting, Washington, Oct 11-13, 1971) Eric C. Ludvigsen. illus Army 21:38-46 Nov '71

Guard, Reserve resurgence seen in new concept, policies, FY 72 budget. Brooke Nihart. Armed Forces J 108:29-31 Mar 1 '71

Higher pay, more scholarships in all-volunteer Force plan. Armed Forces J 108:12 Mar 15 '71

House starts probe of military manpower problems. James D. Hessman. illus Armed Forces J 109:55-56 Nov '71

Hundreds of lures listed for all-vol. AF Times 31:3 Apr 14 '71

The impact of VOLAR. LtGen George I. Forsythe. illus tab Army 21:29-32 Oct '71

Implications of a volunteer Force. Maj Neal G. Sorensen. illus AU Rev 22:47-52 Mar-Apr '71

Improving things for people. (Address, AFA Convention, Washington, Sep 21, 1971) Robert C. Seamans, Jr. illus AF Mag 54:63-65 Nov '71. Adaptation. AF Plcy Ltr for Comdrs: Sup No. 11:17-22 Nov '71

Incentive to volunteer service is cited by executive director at Senate (Armed Services) Committee hearing. Col John T. Carlton. Officer 47:9-10 Mar '71

Kelley defends decision for Army-only bonuses. AF Times 31:8 Mar 3 '71

Laird awaits outcome of 'zero draft.' AF Times 32:3 Aug 18 '71

Laird pledges raises in '72. AF Times 31:1+ Jan 6 '71

Laird sees difficulty in all-vol for SEA. AF Times 31:19 Apr 28 '71

Leadership in the volunteer Army. BrigGen John A. Hocfling. illus tabs Army 21:38-42 Aug '71

VOLUNTEER FORCES (PROPOSED) - Continued

A "lifer" has his say. 1Sgt Dale P. Jerzykowski. illus Soldiers 26:42-43 Aug '71

Logistics makes VOLAR (VOLunteer ARmy) the "with it" Army. illus Army Log 3:30-33 Jul-Aug '71

Lures for all-vol paying off now. AF Times 31:63 Jun 9 '71

MVA (Modern Volunteer Army) on the way. Maj Peter L. Stromberg. illus Soldiers 26:4-11 Jan '71

The military manpower challenge. (Remarks, Military Manpower Challenge Symposium, AFA Convention, Washington, Sep 21, 1971) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 11:23-28 Nov '71

More effective professional force is goal, but draft must remain, Army deputy (Arthur W. Allen, Jr) warns (at Army Section Luncheon, ROA Mid-Winter Conference, Washington, Feb 18-19, 1971). Officer 47:25 Apr '71

The Navy enlistee, 1975--from where? illus US Nav Inst Proc 97:105-106 Sep '71

Nothing is new in all-vol ideas. AF Times 31:13 Jun 2 '71

The now is very in at Fort Benning (Ga)--VOLAR (VOLunteer ARmy) test posts declare open season on sacred cows. L. James Binder. illus Army 21:22-29 Apr '71

The officer corps in an all-volunteer Force: Will college men serve? (A group research project) Col Robert L. Nichols and others. tabs illus Nav War Col Rev 23:31-50 Jan '71

Planners look beyond cost in irritant war. Bruce Callander. AF Times 31:1+ Jan 27 '71

Politics decide service benefits. Bruce Callander. AF Times 32:13 Dec 1 '71

Post-draft decline feared in AF quality, quantity. AF Times 32:8 Dec 22 '71

Preparing for zero draft. (Remarks, Pentagon Press Corps, Washington, Dec 7, 1970) LtGen Robert J. Dixon. AF Plcy Ltr for Comdrs: Sup No. 2:19-23 Feb '71

President signs pay legislation, annual increases in future. James D. Hessman. Armed Forces J 108:9-10 Jan 18 '71

Project Volunteer--an open letter to senior NCOs. CMSgt William G. Franklin. Airman 15:16-17 Oct '71

Randolph (AFB, Tex) meeting to seek new road to commissions. George Foster. AF Times 31:1+ Jan 6 '71

Reserve Components service. LtCol Charles W. Lawrence. illus Infantry 61:10-13 Nov-Dec '71

6-year recruits lured. George Foster. AF Times 32:1+ Sep 15 '71

Some thoughts on the modern volunteer Army. (Address, U.S. Armor Assoc, Fort Knox, Ky, May 14, 1971) Gen Bruce C. Clarke, Ret. illus Armor 80:31-34 Jul-Aug '71

VOLUNTEER FORCES (PROPOSED) - Continued

- Stake on mercenaries. Col V. Mochalov. illus Soviet Mil Rev No. 12:45-47 Dec '71
- Straight talk from the Chief on the modern volunteer Army. Interview. Gen William C. Westmoreland. illus Army 21:12-17 May '71
- Straight talk to sergeants major. (Letter to 15th Air Force Sergeants Major, April 5, 1971) CMSgt W. G. Franklin. AF Pley Ltr for Comdrs: Sup No. 8: 27-29 Aug '71
- TAC outlines fight on 'irritants.' AF Times 31:55 Feb 10 '71
- Two portentous days. (Review of all-volunteer Force by Adjutants General Assoc and National Guard Assoc) illus Natl Guardsman 25:13-19+ Mar '71
- Universal Service for all. Mid Kenneth G. Hawkes. MarCor Gaz 55:48-49 Sep '71
- VOLAR (VOLunteer ARmy) test successful so far. Interview. LtGen George I. Forsythe. illus Armed Forces J 108:32+ May 17 '71

VOLUNTEER FORCES (PROPOSED) - Continued

- Vital interests and volunteer forces. LT Leon Preston Brooks. illus US Nav Inst Proc 97:18-23 Jan '71
- Volunteer Army ad contract let. Armed Forces J 108:13-14 Feb 15 '71
- Volunteer Army: How it looks to a company commander. Capt Robert B. Killebrew. illus Army 21:19-22 Mar '71
- Volunteer Army: Military caste? Capt James R. Holbrook. illus Mil Rev 51:91-95 Aug '71
- A volunteer Army... three views. LtCol Ernest B. Wilson and others. illus Army 21:16-23 Jul '71
- Will fate of President Nixon's all-volunteer Force hinge on 'competition' for nation's 50th largest ad contract? Benjamin F. Schemmer and George F. Weiss. illus tab Armed Forces J 108:40-42+ Mar 15 '71
- The zero draft and the National Guard--a situation report. illus Natl Guardsman 25:2-12 Mar '71
- Zero draft 'impossible'--Stennis' view. Bob Horowitz. AF Times 31:6 Jan 27 '71

WAC see Women in the Army

WAF see Women in the Air Force

WAPS see Weighted Airman Promotion System

WASP see Women in the Air Force--U. S.

WAGNER, Eugene P.

Two bits' worth on computers, generation gaps, and management. Maj Eugene P. Wagner. illus AU Rev 22:58-61 May-Jun '71

WAITE, Charles L.

Prognosis for Navy medicine. RADM C. L. Waite. illus chart US Nav Inst Proc 97:32-36 Dec '71

WAKE TURBULENCE see Turbulence

WALLACE, Morgan M.

Our American heritage: Our lives, our fortunes and our sacred honor. MajGen M. M. Wallace, Ret. Officer 47:13+ Jan '71

WALT, Lewis W.

Gen Lewis W. Walt retires following 35 years' service. MarCor Gaz 55:3 Mar '71

Walt retires--heads (new U.S. Marines) Youth Foundation for Armed Forces J 108:11-12 Feb 1 '71

Walt's retirement plans. (To head U.S. Marine Youth Foundation) per Govt Exec 3:18 Jan '71

WAR

See also specific wars by name, e.g.,

Civil War--U. S.

French and Indian War, 1754-1763

Korean War, 1950-1953

Revolutionary War--U. S.

Russo-Japanese War, 1904-1905

Vietnamese Conflict, 1957-

War of 1812

World War I

World War II

The evolution of the philosophy of war. Col Antonio Pelliccia. illus NATO's Fifteen Nations 15:56-59+ Dec '70-Jan '71

History and the "indirect approach." John Terraine. illus Royal United Svcs Inst for Def Studies J 116: 44-49 Jun '71

More flexible doctrine. Maj R. D. Ammon. MarCor Gaz 55:49-50 Oct '71

On Clausewitz. LtCol A. J. Trythall. Army Qtr 101: 307-313 Apr '71

POWs and the 'political willpower' dimension of war. CDR Roy N. Beavers. illus Armed Forces J 108: 32-35 Feb 1 '71

War and politics. Col T. Kondratkov. illus Soviet Mil Rev No. 10:4-6 Oct '71

War: Limitations and national priorities. (Lecture, Naval War College, 1970) CDR James A. Barber, Jr. illus Nav War Col Rev 23:4-16 Jan '71

Economic Aspects

See also subdivision under specific wars, e.g.,
Vietnamese Conflict, 1957- --Economic Aspects

WAR - Continued

Economic Aspects - Cont'd

Transportation: A key to progress in the Asian rim countries. BrigGen John E. Murray. illus map Translog 2:2-4 Jun '71

Ethical Aspects

Judgment on the firing line. SP5 Tom Bailey. illus Soldiers 26:4-7 Aug '71

A plea of superior orders. CDR M. L. Duke. illus MarCor Gaz 55:34-39 Mar '71

Where does killing end and murder begin in war? Col Robert B. Rigg, Ret. illus Mil Rev 51:3-9 Mar '71

History

The evolution of strategic thought. Maurice Matloff. Forum No. 12:69-81 Spring '71

Laws

See International Law

Political Aspects

Lenin on just and unjust wars. MajGen K. Bochkaryov. illus Soviet Mil Rev No. 4:12-15 Apr '71

Political warfare--qualified application. Maj Monte R. Bullard. illus Mil Rev 51:18-23 Jun '71

Principles

See Military Art and Science

Psychological Aspects

Mental health in combat. LtCol Robert L. Pettera. illus Mil Rev 51:74-77 Mar '71

Social Aspects

From Jericho's walls. (Civilian by-products from military developments) William A. Kinney. illus Airman 15:7-11 Nov '71

Study and Teaching

The nature and scope of war studies. Maj B. A. Clayton. Army Qtr 101:195-205 Jan '71; Digest, Mil Rev 51:66-74 Sep '71

WAR, FUTURE

The Bertrand Stewart Prize Essay, 1970. (Concept of European operations for the 1980 period) Lt J. C. B. Sutherell. illus Army Qtr 101:163-177 Jan '71

Nuclear aspects of the Sino-Soviet confrontation. A. H. S. Candlin. illus Royal United Svc Instn J 116:45-47+ Mar '71

Nuclear shield for NATO--a capability in tactical weapons will strengthen European security. Phillip A. Karber. illus Ordnance 55:529-531 May-Jun '71

Three dimensional warfare. Fraser Scott. illus Royal United Svcs Inst for Def Studies J 116:43-47 Sep '71

WAR, LIMITED see Limited War

WAR AND EMERGENCY POWERS

Military challenge in the 1970's. Stanley L. Harrison. illus MarCor Gaz 55:28-31 Jan '71

WAR AND TECHNOLOGY

An alternative proposal (to BrigGen Henderson's "The FMF"). Col Lee R. Bendell. MarCor Gaz 55:51-52 Sep '71

The FMF: An alternative future and how to get there. BrigGen F. P. Henderson, Ret. illus tabs charts MarCor Gaz 55:18-48 Jul '71

Firepower battlefield. LtCol William L. Hauser. illus Mil Rev 51:21-27 Oct '71

From Jericho's walls. (Civilian by-products from military developments) William A. Kinney. illus Airman 15:7-11 Nov '71

New world for which to war. LtCol Paul J. Hoffmann. illus Mil Rev 51:67-76 Nov '71

Technology and strategy: A study in the professional thought of the U. S. Navy, 1900-1916. (Research paper, Naval War College, 1971) Lt John B. Hatendorf. illus Nav War Col Rev 24:25-48 Nov '71

The use of small nuclear weapons in war on land. Shelford Bidwell. Army Qtr 101:295-306 Apr '71

WAR GAMES

ADM Raymond A. Spruance and the Naval War College. LCDR Thomas B. Buell. illus Nav War Col Rev pt 1, Preparing for World War II. 23:30-51 Mar '71; pt 2, From student to warrior. 23:29-53 Apr '71

"The ground they called their own." (Field training exercise at Virginia Military Academy) illus Army Dig 26:41 Jan '71

Implementing new educational technology for the military. Edward B. Roberts and Henry B. Weil. Nav War Col Rev 23:22-28 Apr '71

Paper war (Exercise Amalgam Arizona) at NORAD keeps defenders sharp. MSgt Ken Reinig. AF Times 31:37 Jan 27 '71

Pull up! Pul... illus Approach 17:8-11 Sep '71

History

Technology and strategy: A study in the professional thought of the U. S. Navy, 1900-1916. (Research paper, Naval War College, 1971) Lt John B. Hatendorf. illus Nav War Col Rev 24:25-48 Nov '71

Study and Teaching

How to beat operating costs. LCDR T. W. Goad. Signal 25:46-47 Apr '71

WAR MEMORIALS see MemorialsWAR OF 1812

A seaman for all seasons (LtCol John M. Gamble). LT Alexander G. Monroe. illus US Nav Inst Proc 97:69-71 Feb '71

WAR POTENTIAL

Hedging on a strategic gamble. Col Joseph E. Muckerman II. illus Army 21:10-16 Sep '71

WAR POTENTIAL - ContinuedChina (People's Republic)

A "new" China policy? Eldridge B. Duffee, Jr. illus US Nav Inst Proc 97:18-23 Jul '71

Red Chinese sub threat pushing U.S. to number three in Pacific. Frank Macomber. illus Navy 14:21-22 Jan '71

Red shadow over Asia. ADM John S. McCain, Jr. Ordnance 55:431-435 Mar-Apr '71

NATO

The situation in the Mediterranean. John Marriott. illus tab NATO's Fifteen Nations 16:82-89 Oct-Nov '71

Russia

Are we courting disaster? Cutback in U.S. fleet continues as Soviet Navy builds and builds. A.J. Cottrell and A.A. Hoehling. illus Navy 14:9-14 Jan '71

The challenge in the center (of Europe). Gen Jürgen Bennecke. illus NATO's Fifteen Nations 16:52-56+ Apr-May '71

The challenge in the North (of Europe). Gen Walter Walker. illus NATO's Fifteen Nations 16:44-50 Apr-May '71

The challenge in the South (of Europe). ADM Horacio Rivero. illus NATO's Fifteen Nations 16:60-64+ Apr-May '71

The development of Soviet military power in the past 20 years. illus map NATO's Fifteen Nations 16:36-42 Apr-May '71

Extracts of the CNO's report (to the Senate Armed Services Committee, Washington, 1971). ADM Elmo R. Zumwalt, Jr. illus Navy 14:13-15+ May '71

Most powerful per pound (Soviet Union's fleet). L. Edgar Prina. illus Navy 14:30-32 May '71

Red shadow over Asia. ADM John S. McCain, Jr. Ordnance 55:431-435 Mar-Apr '71

Red strategic superiority. LtGen Ira C. Eaker, Ret. Ordnance 55:335-338 Jan-Feb '71

The situation in the Mediterranean. John Marriott. illus tab NATO's Fifteen Nations 16:82-89 Oct-Nov '71

Strait is the way Russia moves to control the narrow places. Lawrence Griswold. illus maps Sea Power 14:11-17 Oct '71

WARDAIR CANADA LTD

Wardair Canada Ltd--bush operator grows into Canada's biggest charter airline. A.F. Griffiths. illus tab Air Pict 33:60-61 Feb '71

WAREHOUSES see StorageWARFARE see specific types of warfare, e.g.,

Air Warfare	Mine Warfare
Antisubmarine Warfare	Naval Warfare
Armored Warfare	Nuclear Warfare
Chemical-Biological Warfare	Psychological Warfare
Counterinsurgency	Strategic Warfare
Electronic Warfare	Submarine Warfare
Guerrilla Warfare	Tactical Warfare
Jungle Warfare	Unconventional Warfare
Land Warfare	

WARNER, John W.

Above and beyond... (History of Navy decorations)
John W. Warner. por US Nav Inst Proc 97:107-109
Jul '71

WARNING DEVICES

Electronic "canaries" monitor pollution. Signal 25:
47 April '71

(New radar: AN/SPS-58 and AN/FPS-7) illus Signal
26:70 Sep '71

Platoon Early Warning Device (PEWD). Maj Alfred
H. McDonald. illus Infantry 61:26-27 Nov-Dec '71

Siren effects studied. AF Times 31:32 May 19 '71

Ways to alarm pilots. Meredith Munns. tab Aerosp
Med 42:731-734 Jul '71

WARNING SYSTEMS

See also specific types of warning systems, e. g.
Airborne Early Warning
Ballistic Missile Early Warning System

Air safety--the benefits of PWIs (Proximity Warning
Indicators). illus Govt Exec 3:26-27 Oct '71

Alarm and apathy: The false alert. Armed Forces J
108:9 Mar 1 '71

Army acts to halt repeats of emergency broadcast
failure. Armed Forces J 108:13 Apr 19 '71

Remote "eyes and ears" for flood warnings. Col
Frank P. Bane. Mil Engr 63:19-20 Jan-Feb '71

Sea watch established. AF Times 32:3 Sep 8 '71

The synergy of the triad. John C. Meyer. illus
AF Rev 22:17-25 Sep-Oct '71

WARRANT OFFICERSAir Force

Administrative separation of AF commissioned offi-
cers and warrant officers. TIG Brief 23:10
May 21 '71

72 named for permanent W-4. AF Times 31:35
Mar 31 '71

Temporary promotion of commissioned and warrant
officers. TIG Brief 23:10 May 21 '71

National Guard--Air Force

WO hike nixed for Reserves. AF Times 31:6 Jan 6 '71

Reserve Forces--Air Force

WO hike nixed for Reserves. AF Times 31:6 Jan 6 '71

WARREN, Robert H.

2 generals retiring; Gould to move up (and other re-
assignments announced). AF Times 31:5 May 26 '71

WARSAW PACT

The development of Soviet military power in the past
20 years. illus map NATO's Fifteen Nations 16:
36-42 Apr-May '71

NATO force cuts seen despite Mansfield defeat.
Armed Forces J 108:14 Jun 7 '71

WARSAW PACT - Continued

The Warsaw Pact. London's Institute for Strategic
Studies. illus tabs Aerosp Intl 7:62-65 Dec '71;
AF Mag 54:62-65 Dec '71

WARSHIPS

See also specific types of warships, e. g.,

Aircraft Carriers
Aircraft Carriers, Nuclear Powered
Amphibious Warfare Ships
Auxiliary Ships
Cruisers
Destroyers
Minesweepers
Submarines
Submarines, Nuclear Powered

Armament and fire control systems. illus (Also
cutaways) Intl Def Rev 4:244-247 Jun '71

Small warships, 1971. tab illus (Also cutaways) Intl
Def Rev 4:239-243 Jun '71

Statistics

Bennett panel cites shipbuilding lag. tab Armed
Forces J 108:14-15 Jun 21 '71

Great Britain

Britain launches new type of frigate. Armed Forces J
108:19 May 17 '71

The carrier controversy in Britain. illus tab Intl
Def Rev 3:208-210 Jun '70

Ship camouflage (WWI): Deceptive art. Robert F.
Sumrall. illus US Nav Inst Proc 97:57-77 Jul '71

Israel

The Cherbourg caper. Frank Gervasi. illus Navy 14:
23-27 Jun '71

NATO

Inexpensive NATO frigates. John Marriott. illus
NATO's Fifteen Nations 16:64-69 Oct-Nov '71

Russia

Most powerful per pound (Soviet Union's fleet).
L. Edgar Prina. illus Navy 14:30-32 May '71

Soviet triple-threat (guided-missile destroyer). Navy
14:37 Jul-Aug '71

United States

Air capable ship for Persian Gulf? Armed Forces J
108:19 Jun 7 '71

Air capable ships and through deck cruisers: Sea-air
power on the cheap. Brooke Nihart. illus Armed
Forces J 108:30-33 Apr 19 '71

CNO disavows Navy blame for ship he advocated in
1962. Brooke Nihart. Armed Forces J 108:15-16
Apr 5 '71

CNO pushes sea control ships. Armed Forces J 108:
17-18 Jun 21 '71

Frigate wise and pound foolish. L. Edgar Prina. illus
Sea Power 14:30-32 Sep '71

Gas turbine propulsion in warships. CAPT Donald I.
Thomas, Ret. illus tab US Nav Inst Proc 97:101-
103 Jun '71

WARSHIPS - ContinuedUnited States - Cont'd

- Intent for sea control ship firm; interim SCS (Sea Control Ship) imminent. Brooke Nihart. Armed Forces J 108:17-18 Jun 7 '71
- Navy reveals shipbuilding program. Armed Forces J 109:16+ Oct '71
- 'New Navy' stresses smaller, faster hard hitting warships, new-type aircraft. Editorial. John G. Norris. illus Navy 14:6-7 Mar '71
- Reappraisal of the fleet: Carriers + air capable. George W. Chapman. illus Navy 14:7-8+ Jun '71
- Ship camouflage (WWI): Deceptive art. Robert F. Sumrall. illus US Nav Inst Proc 97:57-77 Jul '71
- Small ships (hydrofoils and surface effect ships) in a big ship Navy. Brooke Nihart. illus Armed Forces J 108:26-29 Mar 15 '71
- View from the bridge--1980. CAPT Fred A. Hill III. illus US Nav Inst Proc 97:103-104 Sep '71

History

- Remember the Rochester. Capt Gordon F. Ogilvie, Ret. illus US Nav Inst Proc 97:68-70 Jan '71
- The wreck of the Tacoma. RADM Kendall S. Reed, Ret. illus US Nav Inst Proc 97:74-76 Jun '71

WASHINGTON, George

- George Washington's National Security Council. Stanley L. Falk. illus Mil Rev 51:23-27 Jul '71
- Washington and the sea. RADM John D. Hayes, Ret. illus map Mil Rev 51:60-66 Jul '71

WATER

- Astronaut to set off explosions in search for water on the moon. Space World H-4-88:43 Apr '71
- Cool, clear water. LtCol Joe Calvit. illus Airman 15:20 Jan '71
- Lunar water process. illus Spaceflight 13:131 Apr '71
- Reconnaissance and pollution control. Maj A. D. Pope. illus tab Tac Air Recon Dig 5:31-33 Feb '71
- Waters of hope. MSgt Loren B. Leonberger. illus Airman 15:16-19 Jan '71

WATER-BASED AIRPLANES see SeaplanesWATER POLLUTION see PollutionWATER SUPPLY

- Chance for survival--life-sustaining water: Your Army keeps it clean. Owen J. Remington. illus Soldiers 26:6-9+ Sep '71
- Cool, clear water. LtCol Joe Calvit. illus Airman 15:20 Jan '71
- Electrodialysis water treatment. Wilbur B. Ruebsamen. illus (Also cutaways) tabs Mil Engr 63:34-36 Jan-Feb '71
- Unique submarine pipeline installation (in Mekong Delta, Vietnam). Maj Todd D. Strong. illus Mil Engr 63:329-331 Sep-Oct '71
- Water quality control. Col Wayne S. Nichols and Thomas L. Reilly. illus map Mil Engr 63:179-180 May-Jun '71

WATER SUPPLY - Continued

- Waters of hope. MSgt Loren B. Leonberger. illus Airman 15:16-19 Jan '71

WATERWAYSSee also

- Panama Canal
Suez Canal
- America's inland waterways. Harold A. Baker. illus Translog 2:8-10 Feb '71
- Cleaning up the waterways. LtCol Thorwald Roger Peterson. illus Mil Engr 63:415-416 Nov-Dec '71
- Herndon, Maury, and the Amazon Basin. James P. Reddick, Jr. illus maps US Nav Inst Proc 97:56-63 Mar '71
- Operation Deep Channel. LTJG James M. Howard III. illus map US Nav Inst Proc 97:39-49 Aug '71
- Red River Waterway Project. Col Herbert R. Haar, Jr. illus maps Mil Engr 63:249-250 Jul-Aug '71
- Strait is the way Russia moves to control the narrow places. Lawrence Griswold. illus maps Sea Power 14:11-17 Oct '71
- Valley of the giant (Mississippi River). John W. Anderson. illus map Army Dig 26:7-9 Mar '71

History

- 19th century engineering: The Muscle Shoals Canal. Leland R. Johnson. illus map Mil Engr 63:260-265 Jul-Aug '71

WATKINS, James H.

- The new look in flying training. BrigGen James H. Watkins. USAF Instrs J 8:4-6 Spring '71

WEAPON SYSTEMS

- ASROC/Terrier. H.W. Ragland. illus Ordnance 55:359 Jan-Feb '71
- The ASW "six-pack." ENS John W. Skipper. illus US Nav Inst Proc 97:103-105 Dec '71
- Armament and fire control systems. illus (Also cutaways) Intl Def Rev 4:244-247 Jun '71
- Army weapons, equipment: Looking for a breakthrough. Eric C. Ludvigsen. illus Army 21:122-123+ Oct '71
- Artillery developments in the Italian Army. Gen Andrea Cucino. illus Intl Def Rev 4:139-141 Apr '71
- Attackers endanger B-1 plan. Ed Gates. AF Times 31:1+ May 19 '71
- Attention mechanized infantrymen: This is your gun (Vehicle Rapid Fire Weapon System Successor (VRFWS-S)). Maj Robert W. DeMont. illus Armor 80:14-17 Nov-Dec '71
- Base skill guide issued for CONUS. tab AF Times 32:19+ Aug 25 '71
- Chapman: An emphasis on combat readiness, quality, spirit, and discipline. Gen Leonard F. Chapman, Jr. illus Armed Forces J 108:34-36+ Jan 4 '71
- A clearer perspective. (Remarks, Washington Chapter, American Ordnance Assoc, Washington, April 12, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 6:18-24 Jun '71

WEAPON SYSTEMS - Continued

- Close air support study report due. Armed Forces J 108:18 Jun 21 '71
- Moorer: Viable options, purple suit questions and the pendulum theory. Interview. ADM Thomas H. Moorer. illus Armed Forces J 108:18-22 Jan 4 '71
- Navigational requirements for tactical weapon systems. Col Edward H. Curtis. illus AU Rev 22:16-22 May-Jun '71
- New U.S.-Europe weapons partnership? Brooke Nihart. illus Armed Forces J 108:28-29 May 17 '71
- Packard (Close Air Support) Review Group: Roles and missions to remain untouched, aircraft systems to be scrutinized. Brooke Nihart. tab Armed Forces J 108:20+ Apr 19 '71
- Pandora, Medusa, Dragon Seed--a defensive weapons mix for Europe. Stefan Geisenheyner. illus Aerosp Intl 7:56-58 May-Jun '71
- Production and support (in Defense acquisition). Barry J. Shillito. illus Def Ind Bul 7:6-8 Fall '71
- Public management of national security. Robert C. Seamans, Jr. illus tab AF Mag 54:40-43 May '71
- RDT&E programs up 10% to \$7.87-billion--ships and craft up 45%, missiles down slightly, all Services up, Air Force the least. Brooke Nihart. tab Armed Forces J 108:32+ Feb 15 '71
- Remotely piloted aircraft. Edgar E. Ulsamer. (Reprinted from Air Force and Space Digest, Oct 1970) Aerosp Intl 7:32-34 Jan-Feb '71
- Remotely piloted combat vehicles. Intl Def Rev 4: 179 Apr '71
- Ryan: Three approaches to the essential qualitative edge. Gen John D. Ryan. illus Armed Forces J 108:31-33+ Jan 4 '71
- Small ships (hydrofoils and surface effect ships) in a big ship Navy. Brooke Nihart. illus Armed Forces J 108:26-29 Mar 15 '71
- Small warships, 1971. tab illus (Also cutaways) Intl Def Rev 4:239-243 Jun '71
- TAC Air: Present and future lessons, problems, and needs. George Weiss. illus Armed Forces J 109: 30-35 Sep '71
- TRICAP artillery. Maj Jerry W. Childers. illus Army 21:23-25 May '71
- Tactical air to surface weapons. John Marriott. illus tab Intl Def Rev 3:162-166 Jun '71
- Threats: At home and abroad. Claude Witze. illus AF Mag 54:14-16 Jun '71
- USAF's weapon systems. illus AF Mag 54:146-163 May '71
- Updating the (Air) Force. Ed Blair. illus Airman 15: 7-11 Mar '71
- The Vosper Thornycroft Mark 5 and Mark 7 fast destroyer/frigate designs. A. A. C. Griffith. illus tab Intl Def Rev 4:248-250 Jun '71
- Weapon systems for the future. (Remarks, 7th Propulsion Joint Specialist Conference, American Institute of Aeronautics and Astronautics, Salt Lake City, Utah, June 16, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 9:13-19 Sep '71

WEAPON SYSTEMS - Continued

- Zunwalt: Future needs at the expense of present capability. ADM Elmo R. Zumwalt, Jr. illus Armed Forces J 108:28-30+ Jan 4 '71

Combat Evaluation

- Three dimensional warfare. Fraser Scott. illus Royal United Svcs Inst for Def Studies J 116:43-47 Sep '71
- Weapons and equipment testing. Maj Richard D. James. illus Infantry 61:36-39 May-Jun '71

Costs

- Austerity stays with us. Claude Witze. tabs AF Mag 54:9-11 Mar '71
- Congressional action on FY 71 major weapons programs (in \$millions). tabs Armed Forces J 108: 30-31 Feb 1 '71
- Major identified arms agreements, July 1970-June 1971. London's Institute for Strategic Studies. Tables only. Aerosp Intl 7:102-103 Dec '71; AF Mag 54:102-103 Dec '71
- Money bills take priority as Congress enters home stretch. James D. Hessman. tab Armed Forces J 109:10-12 Dec '71
- Our most important assets--people, money. Col Robert F. Trimble. illus Review 50:14-16+ May-Jun '71
- What should weapons systems cost? LtCol Richard J. Lorette. illus Govt Exec 3:62-63+ Apr '71

Exhibitions

- French Naval Exhibition at Le Bourget (Airport, Paris, Sep 15-19, 1970). illus (Also cutaways) Intl Def Rev 3:415-422 Dec '70

Maintenance and Repair

- Maintenance of weapons systems. Paul H. Riley. Def Mgt J 7:35-36 Fall '71

Statistics

- Summary of active military personnel and forces. Table only. Armed Forces J 108:25 Feb 15 '71

Study and Teaching

- Red Barons all. (Fighter Weapons Instructor Course, Fighter Weapons School, Nellis AFB, Nev) Capt Ralph T. Hood. USAF Instrs J 9:17-19 Fall '71
- Weapons instructor training. Capt George C. Steere. illus USAF Instrs J 9:12-16 Fall '71

Testing

- Predictive testing for advanced Air Force systems. (Address, National Symposium on Predictive Testing, Anaheim, Calif, April 21, 1971) Col Richard G. Rumney. AF Plcy Ltr for Comdrs: Sup No. 7:9-14 Jul '71
- 4485th Test Squadron. Capt Donald L. Gish. illus Tac Air Warfare Cen Qtr Rpt 2:8-11 Autumn '71

WEAPON SYSTEMS MANAGEMENTSee alsoSystems Engineering

- Air Force parts control program. LtCol Gordon L. Carpenter. illus Def Ind Bul 7:26-29 Fall '71

WEAPON SYSTEMS MANAGEMENT - Continued

- Air Force program managers: Why all the praise? Interviews. Gen George Brown, MajGen Douglas T. Nelson, BrigGens Benjamin N. Bellis and Warner E. Newby and others. illus Govt Exec 3:34-35+ Jun '71
- Air Force Systems Command: Rebuilding a lost image. Interview. Gen George S. Brown. illus Govt Exec 3:46-47+ Oct '71
- Battle management for strategic weapons systems. Col Ralph L. Giddings, Jr, Ret. illus US Nav Inst Proc 97:49-52 Jan '71
- Challenges for Air Force people. (Remarks, 23d National Conclave, Arnold Air Society, Hollywood, Fla, April 15, 1971) Robert C. Seamans, Jr. AF Plcy Ltr for Comdrs: Sup No. 7:20-24 Jul '71
- Cost analysis for decision making. Ruth E. Dynes. Log Spectrum 4:18-21 Winter '70
- Defense industry--profits versus risks. illus Govt Exec 3:36+ Oct '71
- Defense I(nstallations) & L(ogistics). Interview. Barry J. Shillito. illus Govt Exec 3:49-50 Apr '71
- Defense systems acquisition. John S. Foster, Jr. illus Def Mgt J 7:8-11 Fall '71
- Designing for logistics support. Robert Drake. illus tab Log Spectrum 5:2-7 Spring '71
- GAO hits Navy DASH (Drone AntiSubmarine Helicopter) concurrency problems. Armed Forces J 108:10-11 Feb 1 '71
- How to implement our sound weapons systems acquisition policies. Barry J. Shillito. Def Mgt J 7:22-27 Fall '71
- Inspector General evaluates program management. LtCol William L. Haygood. illus Def Ind Bul 7:51-53 Summer '71
- Integrated logistics support and life cycle management. Lew Williams. Log Spectrum 5:8-9+ Spring '71
- Management of system acquisition programs in the Air Force. MajGen Lee V. Gossick. illus Def Ind Bul 7:23-29 Summer '71
- The military program manager. William F. Finan. illus Def Mgt J 7:37-41 Fall '71
- New policies in defense systems acquisition. (Address DOD-NSIA Symposium briefings, Washington, Aug 11, 1971) David Packard. AF Plcy Ltr for Comdrs: Sup No. 10:26-30 Oct '71
- Production engineering in weapons systems. VADM Eli T. Reich. illus Def Mgt J 7:31-34 Fall '71
- (Professional goals for military logisticians) (Address, Dayton, Ohio Chapter, Society of Logistics Engineers, Dec 30, 1970) LtGen Francis C. Gideon. illus Log Spectrum 5:19-23 Spring '71
- Program management. Interview. VADM Vincent de Poix. illus Govt Exec 3:46+ Apr '71
- A program manager looks at program management. CAPTs M. H. Sappington and W. E. Meyer. illus Def Mgt J 7:42-45 Fall '71

WEAPON SYSTEMS MANAGEMENT - Continued

- The role of systems analysis (in weapon system acquisition). Gardiner L. Tucker. illus Def Mgt J 7:12-15 Fall '71
- The role of the comptroller (in weapon system acquisition). Robert C. Moot. illus Def Mgt J 7:16-21 Fall '71
- Scope Creek (system analysis). R. L. Feik. illus Signal 26:16-18+ Sep '71
- Selection--key to good management. Interview. CAPT Fred H. Baughman. illus Govt Exec 3:30 Oct '71
- Streamlining management. (Remarks, DOD-NSIA Symposium, Washington, Aug 12, 1971) Gen George S. Brown. AF Plcy Ltr for Comdrs: Sup No. 10:17-25 Oct '71
- Toward better management of the development and acquisition of new weapons systems. (Adapted from testimony before House Appropriations Committee, March 18, 1971) David Packard. Def Mgt J 7:2-7 Fall '71
- Trends in the weapons systems acquisition process. Maj James B. Lincoln. illus tab Mil Rev 51:40-52 Aug '71
- The weapon system acquisition process. Def Mgt J 7:2-36 Fall '71
- What should weapons systems cost? LtCol Richard J. Lorette. illus Govt Exec 3:62-63+ Apr '71

Study and Teaching

- Back to class--Navy stresses real world (in procurement management program at Naval Postgraduate School). illus Govt Exec 3:30 Nov '71
- DOD (Defense Systems Management) School lists AFers as grads. AF Times 32:3 Dec 15 '71
- Defense System Management School--educating a new breed of program manager. BrigGen Winfield S. Scott III. illus Def Ind Bul 7:13-14 Fall '71
- The Defense Systems Management School: A new concept in program manager training. Col Levin W. Parker, Jr. Def Mgt J 7:50-53 Fall '71
- Selecting team leaders. LtCol William J. Fiorentino and Maj Gary L. Silcott. tabs USAF Instrs J 9:39-43 Fall '71

WEAPONS

See also specific types of weapons, e. g. .

Airplanes, Bomber	Missiles
Armored Vehicles	Nuclear Weapons
Artillery	Rockets
Bombs	Small Arms
Machine Guns	Tanks, Military

Weapons, vehicles, equipment. Regular feature in issues of International Defense Review

Statistics

The strategic balance. AVM Neil Cameron. tab Royal Air Forces Qtr pt 1, 11:169-175 Autumn '71

Study and Teaching

What is a weapons officer? Maj Robert H. Baxter. illus USAF Ftr Wpns Rev No. 1:10-15 Spring '71

WEAPONS - ContinuedTesting

Weapons and equipment testing. Maj Richard D. James. illus Infantry 61:36-39 May-Jun '71

China (People's Republic)

China's military strength. Gerald Ellis. illus Mil Rev 51:71-76 Apr '71

EuropeStatistics

Effective antitank defense. Ferdinand Otto Miksche. (Trans and condensed from a German publication) illus tabs Mil Rev 51:48-56 Dec '71

FranceExhibitions

Panhard's AML armoured cars at Satory III. Francois Bedaux. illus tabs Intl Def Rev 4:337-341 Aug '71

Satory III: (3d exhibition of) weapons and equipment for the modern army (June 7-11, 1971). illus Intl Def Rev 4:331-336 Aug '71

Germany (Federal Republic)

Bundeswehr Infantry organization and tactics. Jac Weller. illus Mil Rev 51:82-93 Feb '71

Marder--West Germany's new APC enters service. illus tabs Intl Def Rev 4:366-371 Aug '71

Pandora, Medusa, Dragon Seed--a defensive weapons mix for Europe. Stefan Geisenheyner. illus Aerosp Intl 7:56-58 May-Jun '71

West German Defense Posture--1970. Intl Def Rev 3: 121 Jun '70

Great BritainExhibitions

British Armoured Vehicles Week (June 21-25, 1971). illus Intl Def Rev 4:457-461 Oct '71

Israel

Israeli arms production. Jac Weller. illus Ordnance 55:540-544 May-Jun '71

Israel's quest for military self-sufficiency. Martin J. Miller, Jr. illus Mil Rev 51:67-73 Mar '71

Japan

Japan's military goal--building a strong defense. Ronald Golden. illus Aerosp Intl 7:26-27+ Mar-Apr '71

Military reawakening in Japan. William Beecher. illus Army 21:10-17 Mar '71

Middle East

Small arms in the Middle East. Jac Weller. illus Infantry 61:22-27 May-Jun '71

NATO

Dutch factory gives new look to NATO's ammunition--solving modern warfare's fire problems. H. George Franks. illus NATO's Fifteen Nations 16:86-92 Aug-Sep '71

WEAPONS - ContinuedNATO - Cont'd

A joint weapons program. Col A. C. Smith, Jr. MarCor Gaz 55:16 Dec '71

The next NATO rifle. Maj F. W. A. Hobart, Ret. illus tabs Intl Def Rev 4:67-70 Feb '71

Statistics

The military balance between NATO and the Warsaw Pact. London's Institute for Strategic Studies. tabs Aerosp Intl 7:104-110 Dec '71; AF Mag 54:104-110 Dec '71

Russia

The Russian RPK. Maj F. W. A. Hobart. illus tabs Ordnance 56:50-54 Jul-Aug '71

The strategic balance. AVM Neil Cameron tab Royal Air Forces Qtr pt 1, 11:169-175 Autumn '71

Strategic deterrence: Rationale, negotiations, threat, and status. George Weiss. illus Armed Forces J 108:24-27 Jun 7 '71

Threats to U.S. and Free World security. (Excerpts from Defense Posture Statement) Melvin R. Laird. illus Def Ind Bul 7:8-11 Spring '71

Statistics

Estimates of comparative strategic strength, United States and Soviet Union: A. Nuclear strike forces; B. Growth of ICBM/SLBM strength, 1961-1971. London's Institute for Strategic Studies. Tables only. Aerosp Intl 7:99 Dec '71; AF Mag 54:99 Dec '71

Soviet military buildup: A new dimension in foreign policy. Maj Jeffrey L. Scribner. illus tab Mil Rev 51:53-62 Aug '71

Sweden

In defense of Sweden. illus tab map Intl Def Rev pt 1, 3:395-399 Dec '70; pt 2, The Swedish defense industry. 4:41-45 Feb '71

United States

Army weapons, equipment: Looking for a breakthrough. Eric C. Ludvigsen. illus Army 21:122 123+ Oct '71

Computer displays for naval weapon and information systems. R. T. Pretty. illus Intl Def Rev 4:253-254 Jun '71

Digital naval weapons control systems. R. D. S. Stubbs. illus Intl Def Rev 4:251-252 Jun '71

HAW (Heavy Antiarmor Weapon), MAW (Medium Antiarmor Weapon) and LAW (Light Antiarmor Weapon): The antiarmor family. Maj Robert J. Dutcher and Capt John R. Cooke. illus Infantry 61:50-53 Jan-Feb '71

Nonlethal police weapons. Col Rex Applegate. illus Ordnance 56:62-66 Jul-Aug '71

The strategic balance. AVM Neil Cameron. tab Royal Air Forces Qtr pt 1, 11:169-175 Autumn '71

Tomorrow's Army. Gen W. C. Westmoreland. Ordnance 55:429-430 Mar-Apr '71

USAF's weapon systems. illus AF Mag 54:146-163 May '71

WEAPONS - ContinuedUnited States - Cont'dStatistics

Estimates of comparative strategic strength, United States and Soviet Union: A. Nuclear strike forces; B. Growth of ICBM/SLBM strength, 1961-1971. London's Institute for Strategic Studies. Tables only. Aerosp Intl 7:99 Dec '71; AF Mag 54:99 Dec '71

Soviet military buildup: A new dimension in foreign policy. Maj Jeffrey L. Scribner. illus tab Mil Rev 51:53-62 Aug '71

Testing

Quick as a FLASH. Capt Michael Cooper. illus Infantry 61:19 Jan-Feb '71

Warsaw PactStatistics

The military balance between NATO and the Warsaw Pact. London's Institute for Strategic Studies. tabs Aerosp Intl 7:104-110 Dec '71; AF Mag 54:104-110 Dec '71

WEAPONS PROCUREMENTSee also

Arms Sales

Air Force--U.S.

Air Force (fly-before-you-buy) policy letter. Robert C. Seamans, Jr. Elect Warfare 3:10 Convention Issue '71

Air Force program managers: Why all the praise? Interviews. Gen George Brown, MajGen Douglas T. Nelson, BrigGens Benjamin N. Bellis and Warner E. Newby and others. illus Govt Exec 3:34-354 Jun '71

Assignment stability of specially trained and highly qualified personnel in weapon system acquisition programs. TIG Brief 23:4 Dec 31 '71

House group votes extra F-111 funds. AF Times 31:3 Jun 9 '71

How AF would use extra funds. AF Times 31:21 Jul 7 '71

Inspector General evaluates program management. LtCol William L. Haygood. illus Def Ind Bul 7:51-53 Summer '71

Management of system acquisition programs in the Air Force. MajGen Lee V. Gossick. illus Def Ind Bul 7:23-29 Summer '71

Our most important assets--people, money. Col Robert F. Trimble. illus Review 50:14-16+ May-Jun '71

Streamlining management. (Remarks, DOD-NSIA Symposium, Washington, Aug 12, 1971) Gen George S. Brown. AF Pley Ltr for Comdrs: Sup No. 10:17-25 Oct '71

Armed Forces--Great Britain

Quality or quantity? F. P. U. Croker. illus Royal United Svc Instn J 116:49-52 Mar '71

WEAPONS PROCUREMENT - ContinuedArmed Forces--Netherlands

Holland's defence budget. illus Air Pict 32:399 Nov '70

Armed Forces--U.S.

Arms bill asks most for Navy. AF Times 31:22 Mar 17 '71

Attackers endanger B-1 plan. Ed Gates. AF Times 31:1+ May 19 '71

Conferees set on \$66.595-billion Defense budget. Armed Forces J 108:9-10 Jan 4 '71

Contracting for major weapons systems. John M. Malloy. Def Mgt J 7:28-30 Fall '71

Defense systems acquisition. John S. Foster, Jr. illus Def Mgt J 7:8-11 Fall '71

Financial tables relating to Defense Department budget FY 1972. Tables only. Def Ind Bul 7:26-31 Spring '71

Force planning under the new strategy. (Excerpts from Defense Posture Statement) Melvin R. Laird. illus tabs Def Ind Bul 7:12-20 Spring '71

General Purpose Forces down in size and buys. George Weiss. tabs Armed Forces J 108:34-35+ Feb 15 '71

House panel approves \$21.9-billion authorization bill. James D. Hessman. tab Armed Forces J 108:26-27+ Jun 21 '71

How to implement our sound weapons systems acquisition policies. Barry J. Shillito. Def Mgt J 7:22-27 Fall '71

New U.S.-Europe weapons partnership? Brooke Nihart. illus Armed Forces J 108:28-29 May 17 '71

Packard personally heads new group to resolve inter-Service close support. Benjamin F. Schemmer. Armed Forces J 108:19 Mar 15 '71

Procurement authorization bill goes to Congress. tabs Armed Forces J 108:12+ Feb 15 '71

The role of systems analysis (in weapon system acquisition). Gardiner L. Tucker. illus Def Mgt J 7:12-15 Fall '71

The role of the comptroller (in weapon system acquisition). Robert C. Moot. illus Def Mgt J 7:16-21 Fall '71

Senate committee approves \$21-billion weapons bill. Armed Forces J 109:13-14 Sep '71

Senate's 'withdrawal' may spark struggle. AF Times 32:2 Oct 13 '71

Toward better management of the development and acquisition of new weapons systems. (Adapted from testimony before House Appropriations Committee, March 18, 1971) David Packard. Def Mgt J 7:2-7 Fall '71

The weapon system acquisition process. Def Mgt J 7:2-36 Fall '71

Weapons budget good. LtGen Ira C. Eaker, Ret. AF Times 31:13 Feb 24 '71

WEAPONS PROCUREMENT - ContinuedArmed Forces--U.S.--Cont'dStatistics

FY 72 weapons programs Table only. Armed Forces J 108:35 Feb 15 '71

Army--U.S.

(Army Materiel Command observed ninth anniversary, August 1st) Signal 26:65-66 Oct '71

"Should cost." T. Arthur Smith. illus Armed Forces Compt 16:20-23 Winter '71

Systems engineering in Army Aviation. Truxtun R. Baldwin. illus chart Army Log 3:8-11+ Nov-Dec '71

Defense Dept--U.S.

Contracting for major weapons systems. John M. Malloy. Def Mgt J 7:28-30 Fall '71

Contractor performance measurement. Maj Robert R. Kemps. illus Def Ind Bul 7:42-48 Summer '71

DCAS role in contractor performance measurement. Nathaniel Ligols and CDR Robert L. Edlin. illus Def Ind Bul 7:48-50 Summer '71

(Defense acquisition) policy highlights. Def Ind Bul 7:1-2 Fall '71

Defense and industry must do a better job. David Packard. illus Def Ind Bul 7:3-4 Fall '71

Discounting for weapon systems acquisition--why not? Maj Joseph D. Arcieri. illus tabs Armed Forces Compt 16:6-9 Winter '71

'Fly before buy' starts. LtGen Ira C. Eaker, Ret. AF Times 32:13 Oct 6 '71

Hardware requests OK'd by Senate unit. AF Times 32:5 Aug 18 '71

House passes procurement bill, less F-14. Armed Forces J 108:18-19 Jul 5 '71

How to implement our sound weapons systems acquisition policies. Barry J. Shillito. Def Mgt J 7:22-27 Fall '71

In procurement, the new look looks old. Claude Witze. illus tab AF & Space Dig 54:39-45 Jan '71

Increasing U.S. Congress resistance to Pentagon programmes. Intl Def Rev 4:212 Jun '71

Major defense system acquisition policy announced: DOD Directive 5000.1--a challenge for program managers. illus Def Ind Bul 7: entire issue Fall '71

Major defense systems acquisition. Interviews. David Packard, John S. Foster, Jr and Barry J. Shillito. Ordnance 56:198-201 Nov-Dec '71

New policies in defense systems acquisition. (Address, DOD-NSIA Symposium briefings, Washington, Aug 11, 1971) David Packard. AF Plcy Ltr for Comdrs: Sup No. 10:26-30 Oct '71

Organization--DOD shifting authority. Interview. VADM Vincent de Poix. illus Govt Exec 3:16 Jan '71

WEAPONS PROCUREMENT - ContinuedDefense Dept--U.S.--Cont'd

PROMAP-70: System engineering process. E. Oakley Drumheller, Jr and others. illus Def Ind Bul 7:4-9 Winter '71

Packard asks \$67.5-million for prototype programs. Armed Forces J 109:14-15 Oct '71

Packard directs Navy to overhaul F-14 program: Production to be cut. Armed Forces J 108:21-22 Jun 21 '71

Plane costs, complexity called risky. AF Times 32:3 Dec 22 '71

The process for acquiring major weapons systems. (Adapted from address, Government Contracts Institute, Southwestern Legal Foundation, Dallas, Dec 22, 1970) VADM Eli T. Reich. Def Mgt J 7:32-35 Spring '71

Production engineering in weapons systems. VADM Eli T. Reich. illus Def Mgt J 7:31-34 Fall '71

Research and development of defense systems. John S. Foster, Jr. illus Def Ind Bul 7:5-6 Fall '71

The role of systems analysis (in weapon system acquisition). Gardiner L. Tucker. illus Def Mgt J 7:12-15 Fall '71

The role of the comptroller (in weapon system acquisition). Robert C. Moot. illus Def Mgt J 7:16-21 Fall '71

Source selection scheme for Scout system. Marvin Rich. illus Def Ind Bul 7:19-21 Winter '71

Study urges overhaul of source selection ground rules. Benjamin F. Schemmer. Armed Forces J 108:28 Mar 1 '71

Toward better management of the development and acquisition of new weapons systems. (Adapted from testimony before House Appropriations Committee, March 18, 1971) David Packard. Def Mgt J 7:2-7 Fall '71

Trends in the weapons systems acquisition process. Maj James B. Lincoln. illus tab Mil Rev 51:40-52 Aug '71

The weapon system acquisition process. Def Mgt J 7:2-36 Fall '71

History

In procurement, the new look looks old. Claude Witze. illus tab AF & Space Dig 54:39-45 Jan '71

Navy--U.S.

Back to class--Navy stresses real world (in procurement management program at Naval Postgraduate School). Govt Exec 3:30 Nov '71

How to modernize the U.S. fleet despite inflation and 'cost growths'--Chief of Naval Material outlines a 10-point program. George Chapman. illus Navy 14:7-12 Feb '71

The increasing role of sea power. L. Edgar Prina. illus Navy 14:30-32 Jun '71

Reappraisal of the fleet: Carriers + air capable. George W. Chapman. illus Navy 14:7-8+ Jun '71

WEAPONS PROCUREMENT - ContinuedLatin America

The Latin American arms market. Intl Def Rev 3:123
Jun '70

WEATHERSee alsoMeteorology

also specific elements, e.g.,

Clouds	Thunderstorms
Fog and Fog Dispersal	Tornadoes
Hurricanes	Turbulence
Ice	Typhoons
Lightning	Winds
Rain	

A doomed mission. Maj James R. Hensley. illus USA
Avn Dig 17:18-20 Sep '71

The heat of things. illus tabs MAC Flyer 18:4-8
May '71

The little things. illus Approach 16:42-44 Mar '71

Marginal weather equation. SgtlC Jerry E. Mills.
illus USA Avn Dig 17:40-42 Nov '71

NOAA--infant government agency confronts the en-
vironmental crisis. (Interview with Robert M.
White) Leon Shloss. illus Govt Exec 3:52+ Jun '71

The weapons of summer. Maj William F. Schwening,
Jr. illus Interceptor 13:5-7 May '71

What are your limits (in adverse weather conditions)?
Approach 17:42-43 Dec '71

Military Applications

Despite numbing cold, research helps the Army oper-
ate. (U. S. Army Cold Region Research and En-
gineering Laboratory) Benjamin S. Yamashita.
illus Soldiers 26:50-51 Oct '71

Meet the Mets--they make weather work for the
Army. Zane Miskin. illus Army Dig 26:50-51
Feb '71

Tri-service weather team operates on Hawaii (to
support Operation Commando Elite). AF Times
32:35 Dec 22 '71

Weather. LtCol William E. Rawlinson. illus Fld
Artilleryman, pp 12-23, Aug '71

WEATHER CONTROL

Rainmakers work on 'dry' clouds. AF Times 32:53
Dec 15 '71

Under NOAA's umbrella--can we control the weather?
(Interview with Robert M. White) Larry Booda. illus
Sea Power 14:24-29 Sep '71

WEATHER FORECASTINGSee alsoRadar--Weather Applications

AIREPs--how they help you. Maj Robert F. Woodnal
and Arthur W. Gulliver. illus MAC Flyer 18:19-21
Aug '71

Authority of the pilot. illus Approach 16:6-8 Jun '71

China cooperates with (SEA) forecasters. SSgt Dave
Husband. AF Times 32:39 Sep 22 '71

Chromatic climatology comprehension. Maj Richard
L. Wing. MAC Flyer 18:24-27 Jul '71

(First weather satellite for the newly formed National
Oceanic and Atmospheric Administration) Signal
25:95 Jan '71

WEATHER FORECASTING - Continued

Harvest from space. Henry Simmons. illus
Spaceflight 13:442-445 Dec '71

Night test flight. illus USA Avn Dig 17:60-61 Jul '71

Omera-Segid meteorological radars. illus tab Inter-
avia 26:147 Feb '71

PIREPS (Pilot REPortS)--expanding to fill the need.
illus Aerosp Safety 27:12-13 Jun '71

Tri-service weather team operates on Hawaii (to
support Operation Commando Elite). AF Times
32:35 Dec 22 '71

Which hand is in the glove. Interview. BrigGen
William H. Best, Jr. illus Airman 15:10-13
Dec '71

Study and Teaching

Realism in training. (Weather Technician Course,
Chanute AFB, Ill) William L. Shipp. illus USAF
Instrs J 8:15-20 Spring '71

WEATHER RECONNAISSANCE

Space suit navigator. Maj Curtis D. Dale and Capt
Curtis E. Kelly. illus Navigator 18, No. 2:26-28 '71

Weather Exercise (Gale Wrath 2-71) held in Canal
Zone. AF Times 31:39 Apr 21 '71

Women chasers (weather reconnaissance sqs). Capt
Charles E. Gambrell and others. illus Navigator
18, No. 2:24-26 '71

WEBER, LaVern E.

The Army National Guard at the (NGAUS) 93d General
Conference (Honolulu, Hawaii, Sep 20-23, 1971).
por Natl Guardsman 25:10-12 Nov '71

Weber, Goodrich, on NGAUS Council. por Natl
Guardsman 25:25 Mar '71

Weber new Army Guard director. por Natl Guards-
man 25:30 Nov '71

WEEKS, Robert H.

AFCEA Chapter Man of the Month. por Signal 25:54
Apr '71

WEIGHTED AIRMAN PROMOTION SYSTEM

The airman promotion program. Maj Jerry C. Schaaf.
AF Plcy Ltr for Comdrs: Sup No. 1:14-15 Jan '71

Division of super pay, WAPS could hurt. AF Times
32:17 Nov 24 '71

EM hike system shows great changes during past
four years. AF Times 31:8 May 12 '71

800,000 test under WAPS--3 times for some. AF
Times 31:6 Apr 7 '71

Here's how WAPS works. AF Times 31:13 Jan 6 '71

Improved report card eyed. AF Times 31:3 Mar 31 '71

Late airman performance reports and their impact
on the Weighted Airman Promotion System (WAPS).
TIG Brief 23:3-4 Dec 31 '71

Majority likes WAPS, airman survey indicates. AF
Times 31:3 Feb 10 '71

Many odd factors can alter (WAPS) scores. Bruce
Callander. AF Times 31:13 Mar 24 '71

New effort tries to find supergrade 'points plan.'
Bruce Callander. AF Times 31:14 Mar 24 '71

A new look at WAPS. MSgt Loren B. Leonberger.
illus Airman 15:33-35 Jun '71

WEIGHTED AIRMAN PROMOTION SYSTEM - Continued

- New rules established on WAPS test taking. AF Time 31:8 May 26 '71
- PFE (Promotion Fitness Examination) study manual coming. AF Times 32:8 Oct 13 '71
- Promotion bar explained--can benefit airmen. AF Times 31:21 Jun 23 '71
- Scores given for E-5 hikes. AF Times 32:43 Dec 22 '71
- Several thousand untested in WAPS. AF Times 31:11 Jun 23 '71
- Stripes not automatic. Bruce Callander. AF Times 31:1+ Apr 28 '71
- Test scores confusing. Bruce Callander. AF Times 31:13 Mar 17 '71
- Tests begin anew for WAPS--cycle starts in August. AF Times 31:17 Feb 17 '71
- WAPS data given--few skills exceed 50% selection rate. AF Times 32:10 Aug 11 '71
- WAPS not fixed, as changes show. Bruce Callander. AF Times 32:13 Oct 6 '71
- WAPS security stressed. AF Times 31:9 May 26 '71
- WAPS standing bared. AF Times 32:39 Aug 18 '71
- WAPS: The middle ground. Bruce Callander. AF Times 31:13 Feb 3 '71
- The Weighted Airman Promotion System (WAPS). TIG Brief 23:4 Jan 29 '71
- Weighted Airman Promotion System (WAPS) "no shows" on testing and verification of promotion data. TIG Brief 23:7 Jun 18 '71

WEIGHTLESSNESS

- Comments on Sjöberg's hypothesis for the mechanism of the inversion illusion under zero-gravity conditions. Ernest Dzendolet. illus Aerosp Med 42:1211 1213 Nov '71
- Immobilization hypercalciuria: Treatment and a possible pathophysiologic mechanism. Donald P. Griffith. illus Aerosp Med 42:1322-1324 Dec '71
- Psychobiologic effects of prolonged bed rest (weightless) in young, healthy volunteers (Study II). Ralph S. Ryback and others. illus tabs Aerosp Med 42:529-535 May '71
- Psychobiologic effects of prolonged weightlessness (bed rest) in young healthy volunteers. Ralph S. Ryback and others. illus tabs Aerosp Med 42:408-415 Apr '71

WELFARE OF ARMED FORCES

- Food stamp changes set. AF Times 31:5 Jan 20 '71

WELLS, Selmon W.

- Wells, strict IG retires in August (and promotions and reassignments announced). AF Times 31:8 Jul 28 '71

WEST POINT, NY, MILITARY ACADEMY see Military Academy, West Point, NYWESTMORELAND, William C.

- The Army in transition. Gen W. C. Westmoreland. Ordnance 56:35-37 Jul-Aug '71
- An Army taking stock in a changing society. Gen William C. Westmoreland. por Army 21:19-22 Oct '71
- Barracks life now a little brighter, to attract volunteers. Army 21:6-7+ Jan '71

WESTMORELAND, William C. - Continued

- Gen Westmoreland stresses importance of Reserve components in national defense. (From address, Assoc of the Adjutant General's Corps, 1971) Officer 47:12 May '71
- Our head is bloody, but unbowed Interview. Gen William C. Westmoreland. Armed Forces J 109:48 Oct '71
- Straight talk from the Chief on the modern volunteer Army. Interview. Gen William C. Westmoreland. por Army 21:12-17 May '71
- Tomorrow's Army. Gen W. C. Westmoreland. Ordnance 55:429-430 Mar-Apr '71
- Westmoreland: Facing up to the external and internal challenges. Gen William C. Westmoreland. por Armed Forces J 108:23-25+ Jan 4 '71
- Westmoreland flies chopper for Guardsmen's jump Natl Guardsman 25:31 Jul '71
- Westmoreland jogs Guard, USAR advisors to aid readiness. Natl Guardsman 25:11-12 Jun '71

WEYAND, Frederick C.

- The young commanders--Gen Weyand is typical of the caliber of our combat leaders. por biog Ordnance 55:422-423 Mar-Apr '71

WHITE, Thomas D.

- Making it... and then some. (BrigGen Robert A. Duffy wins the Gen Thomas D. White USAF Space Trophy) William A. Kinney. por Airman 15:34-38 Aug '71

WHITE HOUSE CONFERENCES

- Military 'class' system hit at (White House) Youth Conference. Bob Schweitz. AF Times 31:1+ May 5 '71

WHITEHURST, G. William

- The road back. G. William Whitehurst. por MarCor Gaz 55:18-20 Apr '71

WHITTAKER, Philip N.

- Can't win for losing. Philip N. Whittaker. por Review 51:21+ Jul-Aug '71
- Intermodal transportation: Key to strategic mobility. Philip N. Whittaker. illus Def Trans J 27:22-26 Mar-Apr '71

WILBUR, Richard S.

- Base care cut nears--services must slash doctor, dental corps. por AF Times 32:1+ Dec 15 '71

WILDLIFE CONSERVATION

- By a damsite. (Dworshak National Fish Hatchery) Frank King. illus Army Dig 26:46-47 May '71

WILKINS, John H.

- (BrigGens) Heimstra, Wilkins, receive assignments (and promotions and other reassignments announced). por Aerosp Med 42:592 May '71

WILLIAMS, Dion

- Private Pagett USMC (English bulldog mascot presented by Royal Marines). BrigGen Dion Williams. (Reprinted from MarCor Gaz, Sep 1927) illus MarCor Gaz 55:43-46 Nov '71

WILLIAMS, Robert R.

Tight budgets, mission challenge Force planners.
LtGen Robert R. Williams. por Army 21:80-85
Oct '71

WILLS

Before it's too late. Capt David B. B. Helfrey. illus
Soldiers 26:66-67 Jun '71

WILSON, Donald

Origin of a theory for air strategy. MajGen Donald
Wilson, Ret. illus Aerosp Hist 18:19-25 Mar '71

WILSON, Winston P.

The Air National Guard. por AF Mag 54:126-129
May '71

'The future looks bright.' MajGen Winston P. Wilson
por Air Reservist 23:4-5 Apr '71

Mister National Guard (MajGen Winston P. Wilson)
retires. illus Air Reservist 23:3 Aug-Sep '71

VIPs honor Guard Chief. por AF Times 32:43
Sep 15 '71

'Wimpy' Wilson to retire; other star shifts slated.
AF Times 31:10 Jul 21 '71

WIND TUNNELS

Wind tunnel test 'educates' bombs (at Arnold Engi-
neering Development Center). AF Times 32:33
Dec 1 '71

WINDS

Bent with the wind. illus Aerosp Safety 27:10-11
Apr '71

Effects of wind shear on approach. Capt W. W. Melvin.
illus Interceptor 13:8-11 Jun '71

Seeing the shear. MAC Flyer 18:19 Oct '71

Which way the wind? illus MAC Flyer 18:24-26 Jun '71

WINN, Otis E.

General Winn decorated at retirement ceremony.
por Translog 2:23-24 Aug '71

WIRE

A solution to wire pollution--Versatile Interior
Multiplex Systems (VIMS). J. Ohlhaber. illus
Signal 25:6-8 Apr '71

WIRETAPPING see EavesdroppingWITTBRODT, Edwin S.

Air Force Accounting and Finance Center. por AF
Mag 54:133-135 May '71

Wanted! Responsible non-conformists. BrigGen
Edwin S. Wittbrodt, Ret. por AF Compt
5:8-11 Nov '71

WIVES, MILITARY

Bills help kin of war dead--retarded children, preg-
nant widows. AF Times 31:6 Jul 28 '71

Home for EM widows granted tax exemption. AF
Times 31:8 Jun 23 '71

How long would you wait? Lee Ewing. AF Times,
Family sup:7-9+ Oct 20 '71

Maxwell (AFB, Ala) holds 'health week 71.' AF
Times 31:32 Jul 7 '71

Navy wives--protect yourselves! illus Approach 16:
17-23 May '71

WIVES, MILITARY - Continued

Pregnant pauses ordered. AF Times 31:11 Jul 28 '71

Retired pay levy--House bill aids wives. AF Times
32:55 Oct 6 '71

Should wives enlist? AF ponders. AF Times 31:2
May 12 '71

They also serve. (Army wives living in civilian com-
munities while husbands are on unaccompanied
overseas tours) SgtlC Carl Martin. illus Soldiers
26:12-13 Aug '71

To the POW/MIA wives, from the guys in the squad-
ron--if words can help, we'd like you to know how
we feel. illus Interceptor 13:18-19 Dec '71

2 precedents involved in widow annuity plan. Bob
Horowitz. AF Times 32:10 Aug 25 '71

The women of a (Soviet) garrison. I. Kuznetsova. illus
Soviet Mil Rev No. 10:26-27 Oct '71

WOMEN IN THE AIR FORCEUnited States

Air Force gets female general. AF Times 31:4
Jul 21 '71

Air Force to listen to WAF advice. Armed Forces J
108:18 May 3 '71

Bias seen in WAF recruitment. AF Times 31:3
Apr 7 '71

(BrigGen Jeanne) Holm prods base stores to stock
WAF uniforms. AF Times 32:22 Nov 10 '71

BrigGen Jeanne Holm, USAF. Interview. illus
AF Mag 54:72-75 Sep '71

Check shows more WAF overweight. AF Times 31:23
May 12 '71

Couples advised on tours. AF Times 31:9 Jun 2 '71

Everyone's in favor of motherhood, but... Bruce
Callander. AF Times 31:13 Mar 31 '71

First WAF cops await job details. AF Times 32:20
Dec 22 '71

First woman ROTC grad named for commission. tabs
AF Times 31:37 Feb 10 '71

The lady is a general. Capt Robert P. Everett. illus
Airman 15:40-47 Sep '71

Long hair ruled out for WAF. AF Times 32:11
Dec 22 '71

Military unfair to couples. Bruce Callander. AF
Times 32:13 Sep 1 '71

Mothers allowed to enlist. AF Times 32:15 Sep 1 '71

Poll shows WAF 'satisfied.' George Foster. AF
Times 31:1+ Jan 20 '71

Pregnancy ousters relaxed--waiver of discharge
'considered.' AF Times 31:3 Mar 17 '71

Recruitment of WAF hitting new highs. illus AF
Times 31:21 Jul 28 '71

Seminars on 'sexuality' offered to young WAF. AF
Times 31:6 Apr 7 '71

She was first. (Lt Jane L. Holley, first woman to
receive a commission through AFROTC) illus
Airman 15:37 Sep '71

She's there to help. (A1C Marilyn L. Pierce, first
woman member of air rescue team) Sgt Jesse
Fulton. illus Airman 15:7-8 Dec '71

Should wives enlist? AF ponders. AF Times 31:2
May 12 '71

WOMEN IN THE AIR FORCE - ContinuedUnited States - Cont'd

- 25 colleges still bar gals in ROTC. AF Times 31:20 Jun 23 '71
- Unwed nurse (Capt Susan Struck) nearing discharge. AF Times 32:17 Dec 8 '71
- WAF barriers attacked. George Foster. AF Times 32:1+ Oct 6 '71
- WAF (Elizabeth A. Dziatkiewicz) tops class of (425) OTS graduates. AF Times 32:33 Sep 8 '71
- WAF (1stLt Sharron A. Fronticro) sues to get benefits for hubby. illus AF Times 31:1+ Jan 27 '71
- WAF uniform changes outlined--old styles phasing out. illus AF Times 32:38 Oct 6 '71
- What are limits of WAF totals? Bruce Callander. AF Times 32:13 Nov 10 '71
- Women in Air Force ROTC. TIG Brief 23:19-20 Dec 3 '71
- Women's group asks equal BAQ. AF Times 31:6 Feb 3 '71

WOMEN IN THE ARMED FORCESRussia

- Lyudmila Pavlichenko gives an interview. illus Soviet Mil Rev No. 3:63-64 Mar '71

United States

- BrigGen Jeanne Holm, USAF. Interview. illus AF Mag 54:72-75 Sep '71
- ROTC grants and 'lib.' George Foster. AF Times 31:13 Mar 17 '71
- Women will train for all specialties. AF Times 31:3 Jun 2 '71

WOMEN IN THE ARMYUnited States

- Women on the go. SP4 Tom Bailey. illus Army Dig 26:38-43 Feb '71
- Women score new breakthrough: Army Guard enlists first WACs. illus Natl Guardsman 25:32 Nov '71

History

- Dr Mary Walker took it with her--only woman to receive the Medal of Honor. Philip R. Smith, Jr. illus Soldiers 26: inside front cover Aug '71

WOMEN IN THE MARINE CORPSUnited States

- New WM uniform. MarCor Gaz 55:2 Aug '71

History

- Women Marines celebrate 28th anniversary. illus MarCor Gaz 55:5 Feb '71

WOMEN'S AIR FORCE SERVICE PILOTS see Women in the Air Force--U.S.WOOLWINE, Walter J.

- Vietnam redeployment and materiel retrograde. MajGen Walter J. Woolwine. illus Army Log 3: 8-9+ Jul-Aug '71; Review 51:29+ Sep-Oct '71

WORLD POLITICS see International PoliticsWORLD WAR IAerial Operations

- Air power in World War I: Sideshow or decisive factor? Charles D. Bright. illus Aerosp Hist 18: 58-62 Jun '71

WORLD WAR I - ContinuedAerial Operations, American

- Add four for glory. Donald C. Wright. illus Army Dig 26:20-25 Mar '71

Statistics

- The bombing at Virginia Capes. Dale L. Walker. illus Am Avn Hist Soc J 16:170-174 Fall '71

Campaigns and Battles

- The "Babe" (GySgt Herman Tharau). James R. Nino. illus MarCor Gaz 55:27-28 Nov '71
- Belleau Wood. MajGen M. L. Krulewitch. illus MarCor Gaz 55:18-22 Nov '71
- A brigade of Marines. (Discussion of fighting at Belleau Wood) LtGen M. H. Silverthorn. illus MarCor Gaz 55:23-26 Nov '71

History

- Coalition warfare: A successful experiment in combined command, 1914-1918. LtCol James B. Agnew. illus charts Parameters 1:50-64 Spring '71
- Doughboy diplomats--the U.S. Army in Italy, 1917-1919. Patrick D. McLaughlin. illus Army 21:30-37 Jan '71

Logistics

- General, I'm sending you to Siberia! Michel R. Scott. illus Translog 2:22-24 Mar '71

Personal Narratives

- Belleau Wood. MajGen M. L. Krulewitch. illus MarCor Gaz 55:18-22 Nov '71
- A brigade of Marines. (Discussion of fighting at Belleau Wood) LtGen M. H. Silverthorn. illus MarCor Gaz 55:23-26 Nov '71

Great Britain

- The Staff College, the General Staff and the test of war, 1914-1915. (Condensation of final chapter from A School of Thought: The Staff College and the Development of the British Army, 1854-1914) Brian Bond. Royal United Svs Inst for Def Studies J 116:38-43 Sep '71

Italy

- Doughboy diplomats--the U.S. Army in Italy, 1917-1919. Patrick D. McLaughlin. illus Army 21:30-37 Jan '71

Russia

- General, I'm sending you to Siberia! Michel R. Scott. illus Translog 2:22-24 Mar '71

WORLD WAR IIAerial Operations, Allied

- The impact of allied air interdiction on German strategy for Normandy. Robert E. Schmaltz. illus Aerosp Hist 17:153-155 Dec '70

- The uncertainty of predicting results of an interdiction campaign. Robert E. Schmaltz. illus map Aerosp Hist 17:150-153 Dec '70

Aerial Operations, American

- Born for combat. John D. Mainwaring. illus Aerosp Hist 17:127-131 Dec '70
- Caught over their own bases. James Hoseason. illus map Air Pict 33:102-104 Mar '71

WORLD WAR II - ContinuedAerial Operations, American - Cont'd

- The day the forts hit Hül's. Col A. P. Sights, Jr, Ret. illus map AF Mag 54:92-96+ Sep '71
- The Halsey-Doolittle Tokyo raid. John Sherman Critchfield. illus Sea Power 14:25-29 Dec '71
- In the air with MAG (Marine Aircraft Gp)-21. LtGen Claude A. Larkin. illus MarCor Gaz 55:33-35 Nov '71
- Jack Purdy--borrowed time pilot. Carroll R. Anderson. illus Am Avn Hist Soc J 16:50-56 Spring '71
- "The ragged irregulars"--history of the U.S. 91st Bombardment Group. Roger A. Freeman. illus Air Pict 33:178-180 May '71
- Superfortress raids on Japan. Christopher J. Argyle. illus map Air Pict pt 1, '33:4-9 Jan '71; pt 2, 33:64-68 Feb '71

Aerial Operations, British

- Army/Air co-operation, 1939-1943. LtCol C. E. Carrington. illus Royal United Svc Instn J 115:37-41 Dec '70
- The Battle of Britain and the principles of war. Alan L. Gropman. illus Aerosp Hist 18:138-144 Sep '71
- Canada's Yank--Lt A. A. Harrington. Hugh A. Halliday. illus tab Aerosp Hist 18:75-80 Jun '71
- Fleet Air Arm fighter operations in WW II. Christopher F. Shores and J. D. Brown. illus Air Pict 33:120-126 Apr '71
- Hurricanes in Russia--the story of No. 151 Wing. L. A. Jackets. Royal Air Forces Qtr 11:203-204 Autumn '71

Aerial Operations, Canadian

- Recruiting Americans for the Royal Canadian Air Force, 1939-1942. Fred John Hatch. illus tabs Aerosp Hist 18:12-18 Mar '71

Aerial Operations, German

- The Battle of Britain and the principles of war. Alan L. Gropman. illus Aerosp Hist 18:138-144 Sep '71

Aerial Operations, Japanese

- In another place (Malaya and Singapore). SqLdr N. Shorrick. map Royal Air Forces Qtr 10:299-305 Winter '70

Aerial Operations, Russian

- Fighters attack an airfield. Col Y. Veraksa. illus Soviet Mil Rev No. 7:39-41 Jul '71

Airborne Operations

- Fighting airborne troops. Col R. Dukov. illus Soviet Mil Rev No. 1:16-17 Jan '71

Campaigns and BattlesSee also

Pearl Harbor, 1941

Another view of the Stalingrad and Dien Bien Phu airlifts. (Comment on article by D. J. Backlund, Aerosp Hist, Summer-Fall 1970) LtGen William H. Tunner, Ret. illus Aerosp Hist 18:135-137 Sep '71

Armoured operations during the early phases of the reconquest of Burma. LtCol E. H. Dar. tab map Army Qtr 101:342-349 Apr '71

Army repulses a counterblow. ColGen G. Vorontsov. map Soviet Mil Rev No. 4:44-47 Apr '71

WORLD WAR II - ContinuedCampaigns and Battles - Cont'd

- The Battle of Britain and the principles of war. Alan L. Gropman. illus Aerosp Hist 18:138-144 Sep '71
- A blow at Peremyshl. Capt N. Kurov. Soviet Mil Rev No. 6:42-43 Jun '71
- Churchill on Narvik. Piers Mackesy. maps Royal United Svc Instn J 115:28-33 Dec '70
- Collapse of "Barbarossa" plan. MajGen V. Ryabov. illus Soviet Mil Rev No. 8:43-46 Aug '71
- The German-Soviet conflict--30 years after: Invasion of Russia. Anthony Sas. illus map Mil Rev 51:38-46 Jun '71
- In another place (Malaya and Singapore). SqLdr N. Shorrick. map Royal Air Forces Qtr 10:299-305 Winter '70
- In Eastern Pomerania. LtGen D. Malkov. map Soviet Mil Rev No. 5:42-44 May '71
- In the Mozhaishk direction. N. Krylov. illus Soviet Mil Rev No. 11:39-41 Nov '71
- Jungle fighters (in China-Burma-India theater, 1944). Philip R. Smith, Jr. illus Army Dig 26:10-13 May '71
- Ploesti! Col William R. Cameron, Ret. illus maps tab AF Mag 54:57-63 Aug '71
- Return to So-Pac (to see evidence of Marine Corps WWII efforts). George McMillan. illus MarCor Gaz 55:48-54 Nov '71
- Salerno: D plus 26 years--retracing the steps of battles past. Capt Robert J. Hayman-Joyce. map Armor 80:4-7 Mar-Apr '71
- Sharp turn. (Soviet counteroffensive, Moscow, Dec 1941) Col B. Panov. illus map Soviet Mil Rev No. 12:34-37 Dec '71
- Under the walls of Tula. ColGen L. Sandalov. illus Soviet Mil Rev No. 10:46-48 Oct '71
- Why Ploesti? Gen Leon W. Johnson. illus AF Mag 54:56 Aug '71

History

- The German-Soviet conflict--30 years after: Invasion of Russia. Anthony Sas. illus map Mil Rev 51:38-46 Jun '71

Logistics

- Military logistics engineers. LtCol L. C. Rosenstein, Ret. illus Log Spectrum 5:32-35+ Winter '71

Naval Operations, American

- Unknown ship (USS Solace). CAPT Benjamin Perlman, Ret. illus US Nav Inst Proc 97:78-79 Mar '71

Naval Operations, British

- Churchill on Narvik. Piers Mackesy. maps Royal United Svc Instn J 115:28-33 Dec '70

Naval Operations, Russian

- On enemy sea communications. Capt B. Balev. illus Soviet Mil Rev No. 6:46-47 Jun '71

Personal Narratives

- Born for combat. John D. Mainwaring. illus Aerosp Hist 17:127-131 Dec '70

- The general (George S. Patton, Jr) and the movie. BrigGen Edwin H. Randle, Ret. illus Army 21:17-22 Sep '71

WORLD WAR II - ContinuedPersonal Narratives - Cont'd

P.O.W. (Col Troy W. Crawford) on his own Group's target. John W. Archer. illus Air Pict 32:123+ Apr '70

Ploesti! Col William R. Cameron, Ret. illus maps tab AF Mag 54:57-63 Aug '71

A recollection of Gen de Gaulle. Air Commodore J. D. Boyle. illus Royal United Svc Instn J 115:27 Dec '70

Sidelights on Wilton Park. L. St Clare Grondona. illus Royal United Svc Instn J 115:34-37 Dec '70

Tito's Army. LtCol P. S. Turner. illus Royal United Svcs Inst for Def Studies J 116:63-66 Sep '71

Under the walls of Tula. ColGen L. Sandalov. illus Soviet Mil Rev No. 10:46-48 Oct '71

Political Aspects

See War--Political Aspects

Prisoners of War

P.O.W. (Col Troy W. Crawford) on his own Group's target. John W. Archer. illus Air Pict 32:123+ Apr '70

Under the nose of the Gestapo. Maj G. Morchain. (Reprinted from Sentinel, Jan 1970) Royal Air Forces Qtr 11:117-122 Summer '71

Strategy

Armoured operations during the early phases of the reconquest of Burma. LtCol E. H. Dar. tab map Army Qtr 101:342-349 Apr '71

Strategic leadership during the War (WWII). Gen Sergei M. Shtemenko. illus Soviet Mil Rev pt 1, No. 1:46-48 Jan '71; pt 2, No. 2:37-39 Feb '71

Burma

Armoured operations during the early phases of the reconquest of Burma. LtCol E. H. Dar. tab map Army Qtr 101:342-349 Apr '71

Jungle fighters (in China-Burma-India theater, 1944). Philip R. Smith, Jr. illus Army Dig 26:10-13 May '71

Germany

Nazi Germany's plans of plunder. Col P. Derevyanko. illus Soviet Mil Rev No. 6:38-41 Jun '71

Great Britain

The Battle of Britain and the principles of war. Alan L. Gropman. illus Aerosp Hist 18:138-144 Sep '71

Syrian Campaign, 1941. Christopher F. Shores and Christian-Jacques Ehrengardt. tab illus map Air Pict pt 1, Forestalling the Germans; Air battles over S. Lebanon. 32:242-247 Jul '70; pt 2, Breaking the back of Vichy air strength; Conclusion. 32:280-284 Aug '70

Italy

(Gen) Mark Clark and the war in Italy. LtCol Martin Blumenson and James L. Stokesbury. illus map Army 21:49-52 May '71

The uncertainty of predicting results of an interdiction campaign. Robert E. Schmaltz. illus map Aerosp Hist 17:150-153 Dec '70

WORLD WAR II - ContinuedPacific Theater

Changi 1927-1971. GpCapt H. A. Probert. Royal Air Forces Qtr 11:127-131 Summer '71

Russia

Army repulses a counterblow. ColGen G. Vorontsov. map Soviet Mil Rev No. 4:44-47 Apr '71

A blow at Peremyshl. Capt N. Kurov. Soviet Mil Rev No. 6:42-43 Jun '71

Build-up of the Soviet economy to repulse aggression in 1939-41. MajGen Y. Nikitin. Soviet Mil Rev No. 3:40-42 Mar '71

Fighting airborne troops. Col R. Dukov. illus Soviet Mil Rev No. 1:16-17 Jan '71

The German-Soviet conflict--30 years after: Invasion of Russia. Anthony Sas. illus map Mil Rev 51:38-46 Jun '71

In Eastern Pomerania. LtGen D. Malkov. map Soviet Mil Rev No. 5:42-44 May '71

In the Mozhaisk direction. N. Krylov. illus Soviet Mil Rev No. 11:39-41 Nov '71

In the spirit of readiness to defend the motherland--the Soviet people's moral and political preparedness to repulse Nazi aggression. Col A. Korkeshkin. illus Soviet Mil Rev No. 5:38-41 May '71

Lenin's decree. Col Y. Korablyov. illus Soviet Mil Rev No. 2:34-36 Feb '71

Military science and armed struggle. ColGen A. Radzievsky. Soviet Mil Rev No. 7:36-38 Jul '71

Moscow region partisans. LtCol N. Kobrin. illus Soviet Mil Rev No. 10:41-43 Oct '71

Officer training during the War (1941-1945). MajGen N. Bobkov. illus Soviet Mil Rev No. 9:34-36 Sep '71

A search. LtCol R. Trofimov. illus Soviet Mil Rev No. 2:17-20 Feb '71

Sharp turn. (Soviet counteroffensive, Moscow, Dec 1941) Col B. Panov. illus map Soviet Mil Rev No. 12:34-37 Dec '71

Strategic leadership during the War (WWII). Gen Sergei M. Shtemenko. illus Soviet Mil Rev pt 1, No. 1:46-48 Jan '71; pt 2, No. 2:37-39 Feb '71

Under the walls of Tula. ColGen L. Sandalov. illus Soviet Mil Rev No. 10:46-48 Oct '71

Syria

Syrian Campaign, 1941. Christopher F. Shores and Christian-Jacques Ehrengardt. tab illus map Air Pict pt 1, Forestalling the Germans; Air battles over S. Lebanon. 32:242-247 Jul '70; pt 2, Breaking the back of Vichy air strength; Conclusion. 32:280-284 Aug '70

Yugoslavia

Tito's Army. LtCol P. S. Turner. illus Royal United Svcs Inst for Def Studies J 116:63-66 Sep '71

WOUNDS AND INJURIES

Chin-sternum-heart syndrome. Cardiac injury associated with parachuting mishaps. Laurence R. Simson, Jr. illus Aerosp Med 42:1214-1217 Nov '71

WOUNDS AND INJURIES - Continued

Computerized trauma registry: A new method for categorizing physical injuries. D.R. Boyd and others. illus tabs Aerosp Med 42:607-615 Jun '71

Non-fatal ejection vertebral fracture, U.S. Navy fiscal years 1959 through 1965: Costs. Channing L. Ewing. tabs Aerosp Med 42:1226-1228 Nov '71

WRIGHT, John M., Jr.

New comptrollers (BrigGen Charles S. Robertson, RADMs Edward D. Scheiderer and William M. Harnish, and LtGen John M. Wright, Jr). por Armed Forces Compt 15:16-17 Fall '70

WRITING (COMPOSITION)See also

Report Writing

Fighters also write. Allen K. Pruett. illus Infantry 61:26-27 Jul-Aug '71

Let's tell our own story. Maj J. St. J. Grey. Mar Cor Gaz 55:53-54 Sep '71

Write like you instruct. Maj Arthur V. Brill and Gerald Powers. MarCor Gaz 55:53-54 Oct '71

X-RAYS

Skylab X-ray telescope. illus (Also cutaway) Space-flight 13:124 Apr '71

YOUTH

The moral values of the Free World, the common heritage of the countries of the (NATO) Alliance. M. W. J. M. Broekmeijer. NATO's Fifteen Nations 16:18-23 Aug-Sep '71

10,745 youth jobs set--few for AF kin. Tony McHale. AF Times 31:1+ Apr 21 '71

Why can't I motivate my people? BrigGen John A. Hoefling. illus Infantry 61:18-20 Nov-Dec '71

Latin America

The prospects for student activism in Latin America (Research paper, School of Naval Warfare, 1971?, G. Scott Sugden. illus Nav War Col Rev 23:54-60 Apr '71

United States

Aid for the underprivileged--bases open employment to youth. illus AF Times 31:34 Jun 16 '71

The art of winning friends on campus, though un-ormed. Robert L. Goldrich. illus Army 21:24-27 Jan '71

Death of a demon. (Drug abuse education) Sgt Dave Cole. illus Airman 15:30-33 Aug '71

Demands of young need more 'aging.' Bruce Callander. AF Times 32:13 Oct 20 '71

Dialogue reestablished. (Army War College's Vietnam Panel talks to students) Col John J. McCuen. illus Army 21:14-20 Nov '71

Dope-stop-teen program. TIG Brief 23:9 Feb 26 '71

FBI official (Charles D. Brennan) warns of extremist peril: Awarded ROA citation (at ROA Mid-Winter Conference, Washington, Feb 18-19, 1971). Officer 47:23 Apr '71

(Gen Lewis W.) Walt's retirement plans. (To head U.S. Marine Youth Foundation) illus Govt Exec 3:18 Jan '71

The Guard at Kent University. MajGen Jim Dan Hill, Ret. illus Natl Guardsman 25:8-12 Feb '71

Impending crisis in Air Force leadership. Col Doyle E. Larson. illus AU Rev 23:13-20 Nov-Dec '71

An investment in tomorrow. (Guardsmen support youth activities) illus Natl Guardsman 25:22-25 Dec '71

YOUTH - ContinuedUnited States - Cont'd

Military 'class' system hit at (White House) Youth Conference. Bob Schweitz. AF Times 31:1+ May 5 '71

Motivation--a challenge to leadership. (Address, 1970 Homecoming Banquet, USAFA Assoc of Graduates, Colorado Springs, Oct 10, 1970) LtGen A. P. Clark. AF Ploy Ltr for Comdrs: Sup No. 1:3-10 Jan '71

A new look at the 'ultimate weapon' (a young soldier). Ch(Col) Albert F. Ledebuhr. illus Army 21:22-25 Nov '71

Youths rate AF as tops. AF Times 32:15 Oct 20 '71

ZUMWALT, Elmo R., Jr

CNO disavows Navy blame for ship he advocated in 1962. Brooke Nihart. Armed Forces J 108:15-16 Apr 5 '71

CNO pushes sea control ships. Armed Forces J 108:17-18 Jun 21 '71

Extracts of the CNO's report (to the Senate Armed Services Committee, Washington, 1971). ADM Elmo R. Zumwalt, Jr. illus Navy 14:13-15+ May '71

Navy heat chafes Chafee over permissive rulings. Armed Forces J 108:17 Mar 15 '71

Navy takes fast action on equal opportunity program. Armed Forces J 108:13 Jan 4 '71

A second class Navy? Editorial. Navy 14:7 May '71

State of the Navy--a hard look and a somber tone. George W. Ashworth. por Navy 14:8-13 May '71

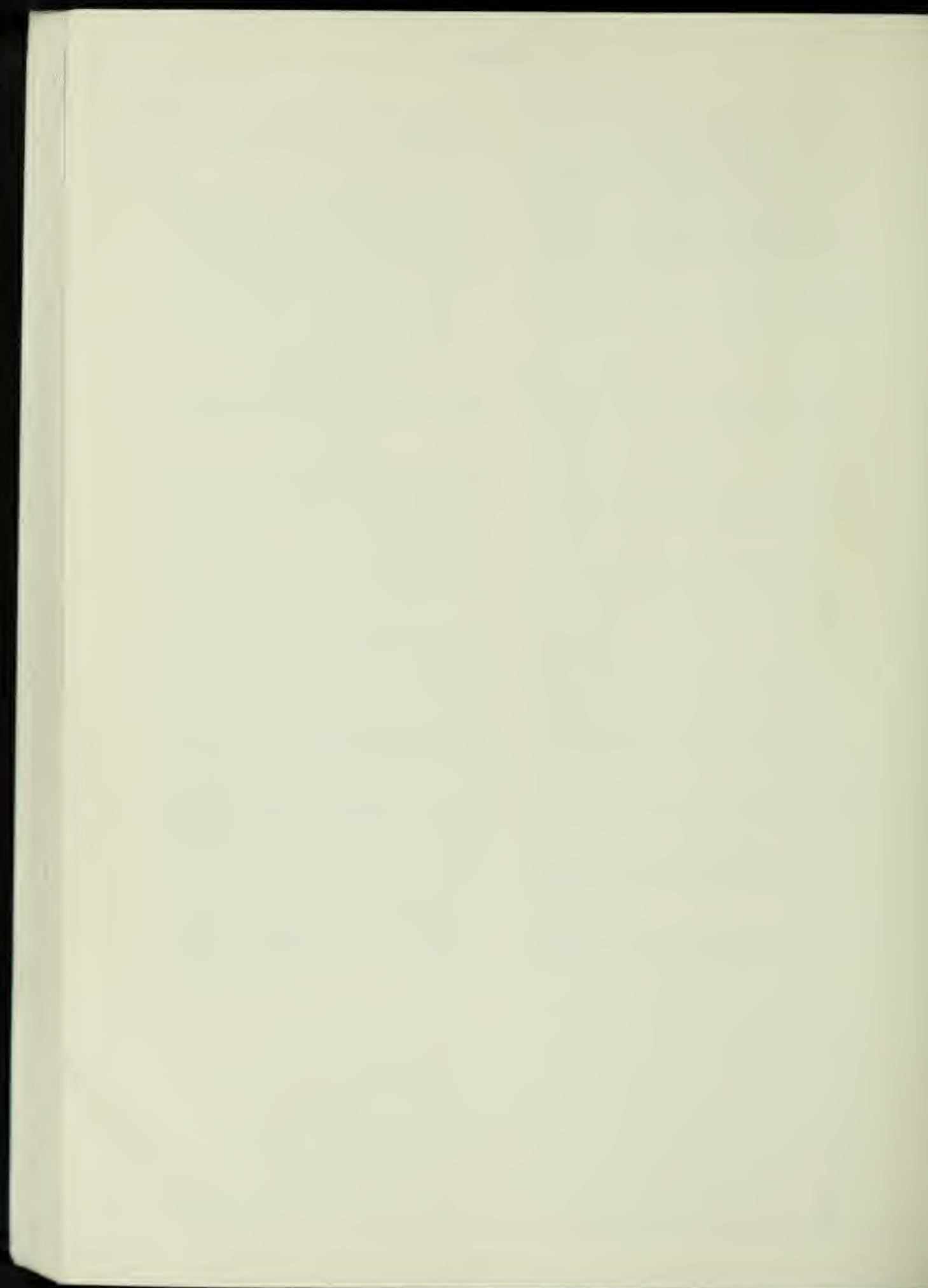
An unnumbered Z-gram: CNO's 'up or out' policy. Armed Forces J 108:15-16 Mar 15 '71

Z-grams. por US Nav Inst Proc 97:292-298 May '71

Z-grams: A behavioral analysis. CAPT J. R. Kint. tab Persp in Def Mgt, pp 59-65, May '71

Zumwalt calls retention problem 'nothing short of disastrous.' tab Armed Forces J 108:14-15 Mar 15 '71

Zumwalt: Future needs at the expense of present capability. ADM Elmo R. Zumwalt, Jr. por Armed Forces J 108:28-30+ Jan 4 '71









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